KWANG YANG MOTOR CO., LTD.

OWNER'S MANUAL – PEOPLE S 50 / 125 / 200

Dear KYMCO Scooter Users:

Thank you for purchasing this KYMCO scooter and welcome to the family of KYMCO scooter riders. To enjoy safer and more pleasant riding, become thoroughly familiar with this owner's manual before you ride the scooter. Your safety depends not only on your own alertness and familiarity with the scooter but also the scooter’s mechanical condition. A pre-ride inspection before every outing and regular maintenance are essential. The quality of each KYMCO scooter is guaranteed.

NOTE:
1. The information and specifications stated in this manual are for reference only and subject to change without notice.
2. When starting the engine, the battery must be installed to facilitate starting and increase the engine performance.

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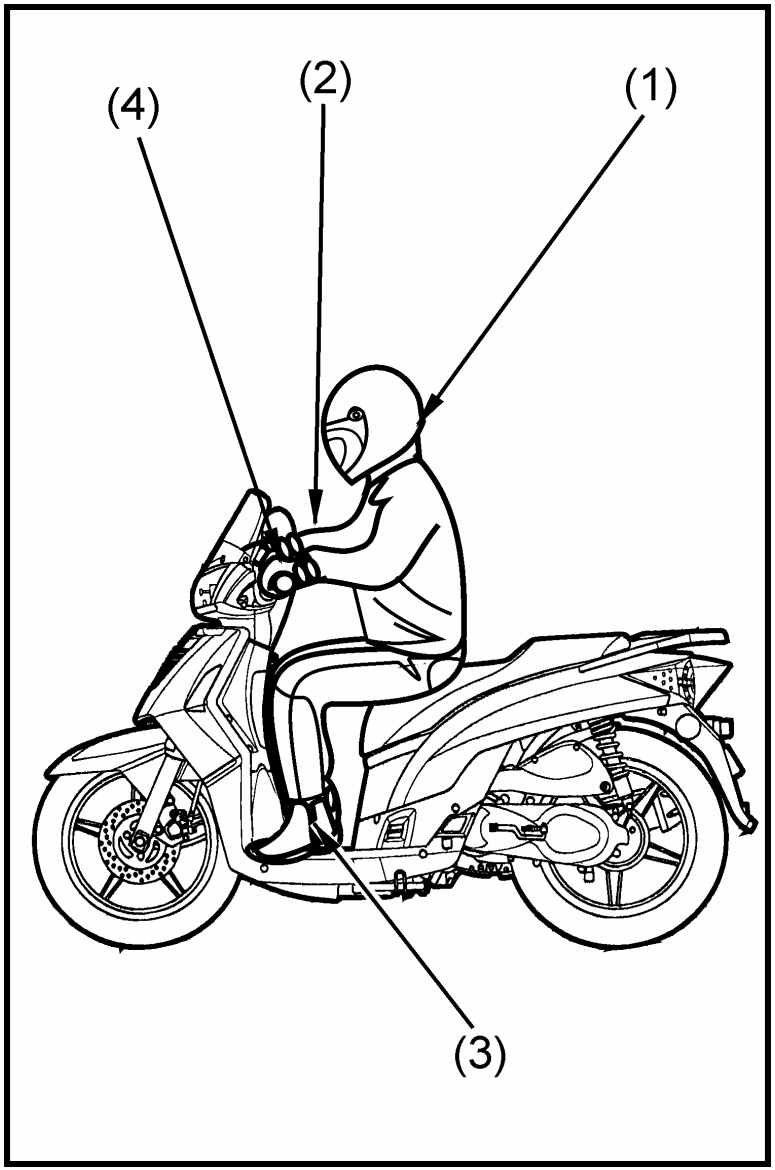
1. ENSURING A SAFE RIDE

RIDING GEAR

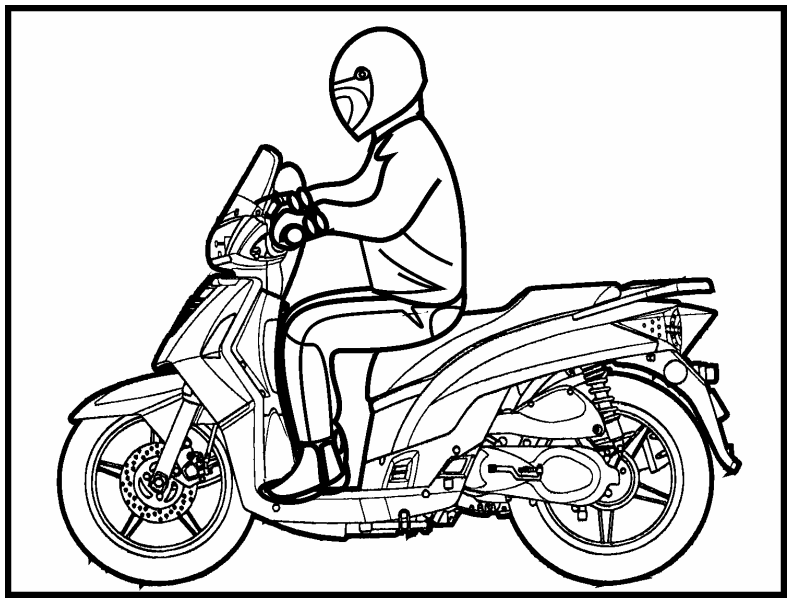
- In order to ensure a safe ride be sure to relax and wear comfortable clothing.
- Observe all traffic laws and be careful.
  1) Always wear a helmet and make sure it is fastened.
  2) Arrange your clothing – fasten shirt cuffs to prevent them from hooking the brake lever.
  3) Wear low healed shoes.
  4) When riding, use both hands to grasp the handlebar. It is very dangerous to hold the handlebar with just one hand.

- **A scooter rider should NEVER wear loose clothing**
- **To avoid the risk of being burned, DO NOT touch the exhaust muffler during or up to 10 minutes after riding.**
- **When parking the scooter, keep it away from dry grass or any other flammable objects or materials.**



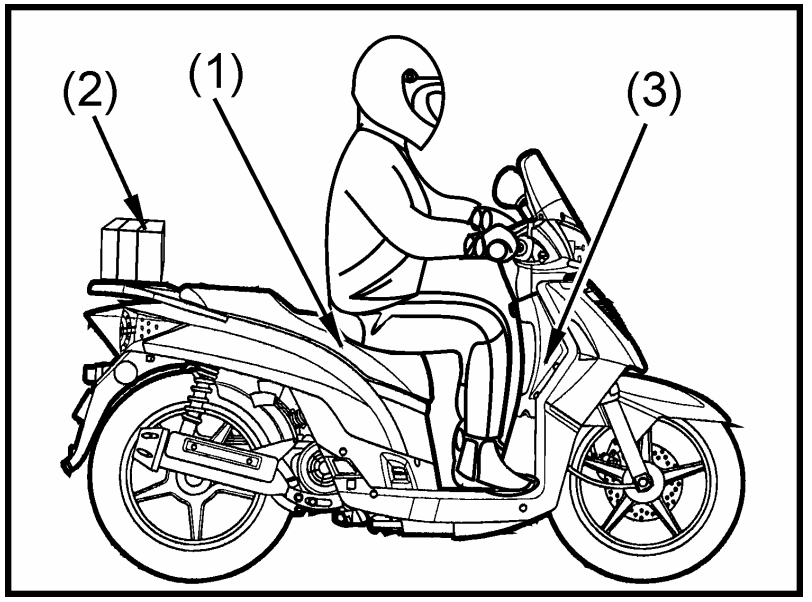
RIDING METHOD

- Safety on a two-wheeled vehicle is influence by seating position. The rider should sit on the central part of the seat cushion. Should the rider sit on the rear part of the seat, the load of the front wheel will decrease, the handlebars could swing therefore putting the rider in danger.
- When making a turn, it will be easier for the rider to steer the scooter by leaning the body inward slightly. Failure to do this could result in a loss of balance.
- When riding on a damaged or gravel road be sure to slow down your speed and hold the handlebars tightly.



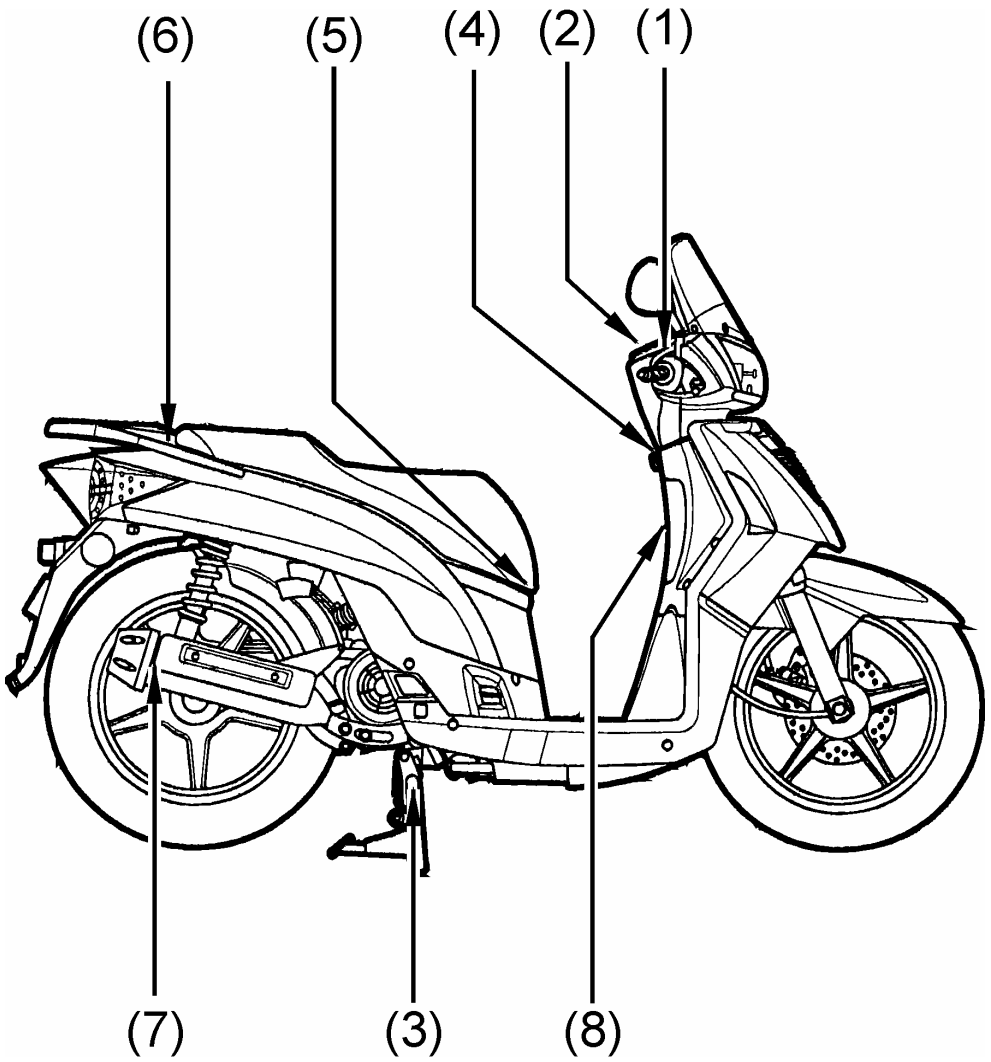
CARRYING GOODS

- Maintain proper posture at all times while operating the scooter.
- The handlebars will feel different when carrying goods on the scooter. Overloading may cause the handlebars to swing. Do not exceed maximum loading capacity.
  1) Maximum loading capacity of the met-in box is 10 kg.
  2) Maximum loading capacity of the rear carrier is 5 kg.
  3) Maximum loading capacity of the front tool box is 1.5kg.

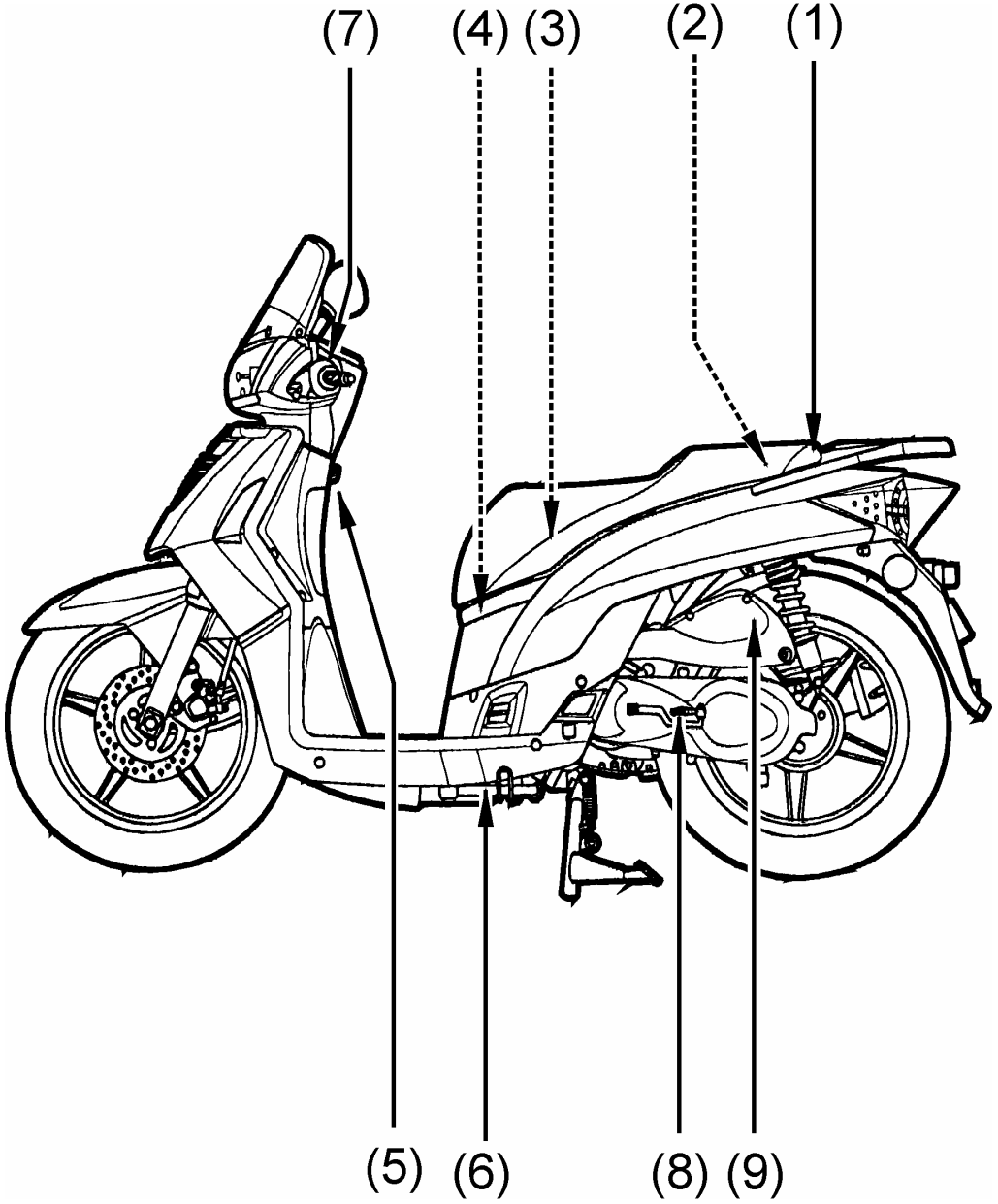


2. PARTS LOCATION

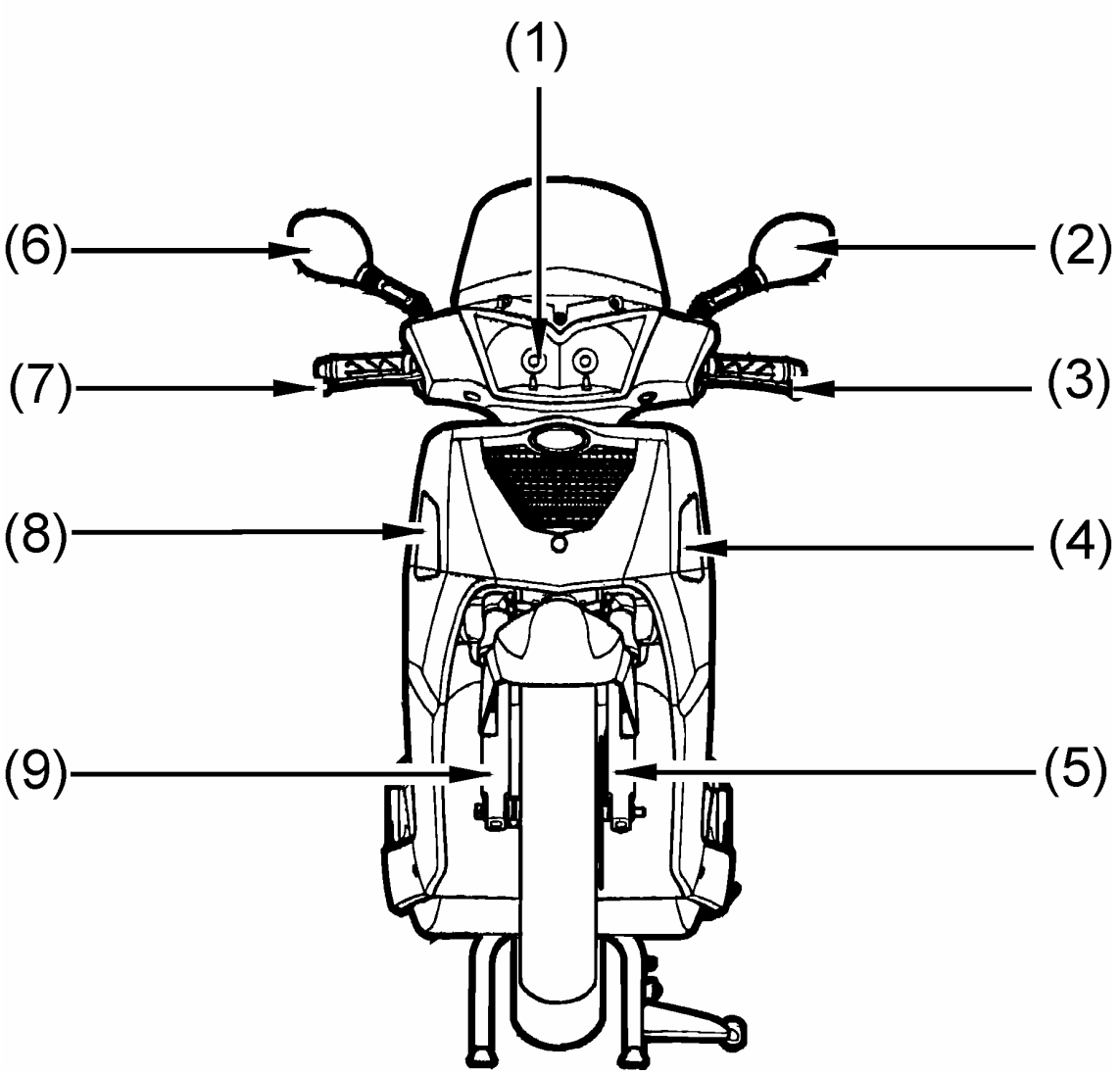
(1) Headlight Switch & Electric Starter Button– pg 9
(2) Speedometer – pg 13
(3) Main Stand
(4) Ignition Switch – pg 8
(5) Helmet Holder – pg 12
(6) Battery / Fuse – pg 45 & 46
(7) Muffler
(8) Front Luggage Box – pg 19



(1) Seat Lock – pg 12
(2) Fuel Fill Cap – pg 22
(3) Met-in Box – pg 12
(4) Helmet Holder – pg 12
(5) Centre Hook – pg 19
(6) Side Stand
(7) Headlight Dimmer Switch – pg 10
Passing Signal Switch – pg 10
Turn Signal Switch – pg 11
Horn Button – pg 11
(8) Kick Starter Pedal – pg 31
(9) Air Filter Housing – pg 41

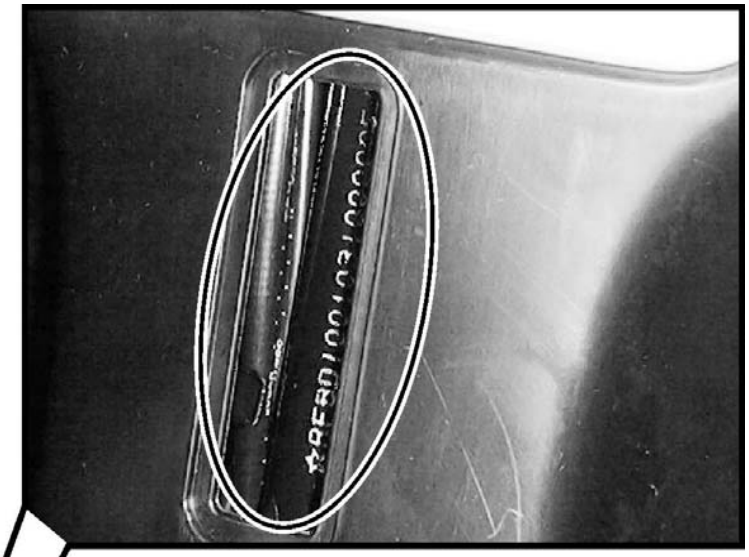


(1) Headlight
(2) Left Side View Mirror
(3) Rear Brake Lever
(4) Front Left Turn Signal Light
(5) Front Left Shocks
(6) Right Side View Mirror
(7) Front Brake Lever
(8) Front Right Turn Signal Light
(9) Front Right Shocks



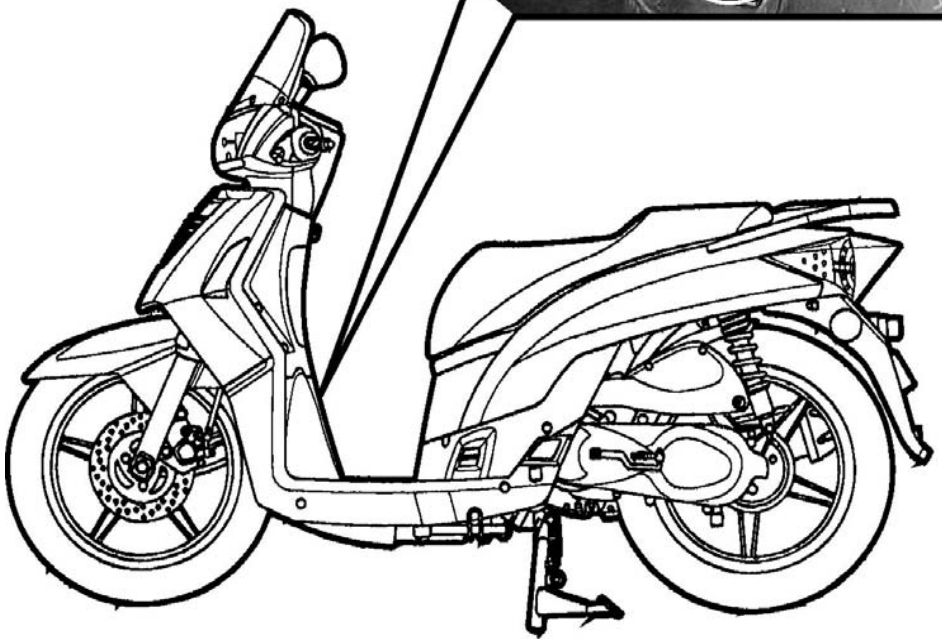
VIN

- To read the VIN, remove the plastic cover with a flat head screwdriver.
- The VIN on your scooter should match your written documentation and warranty certificate.



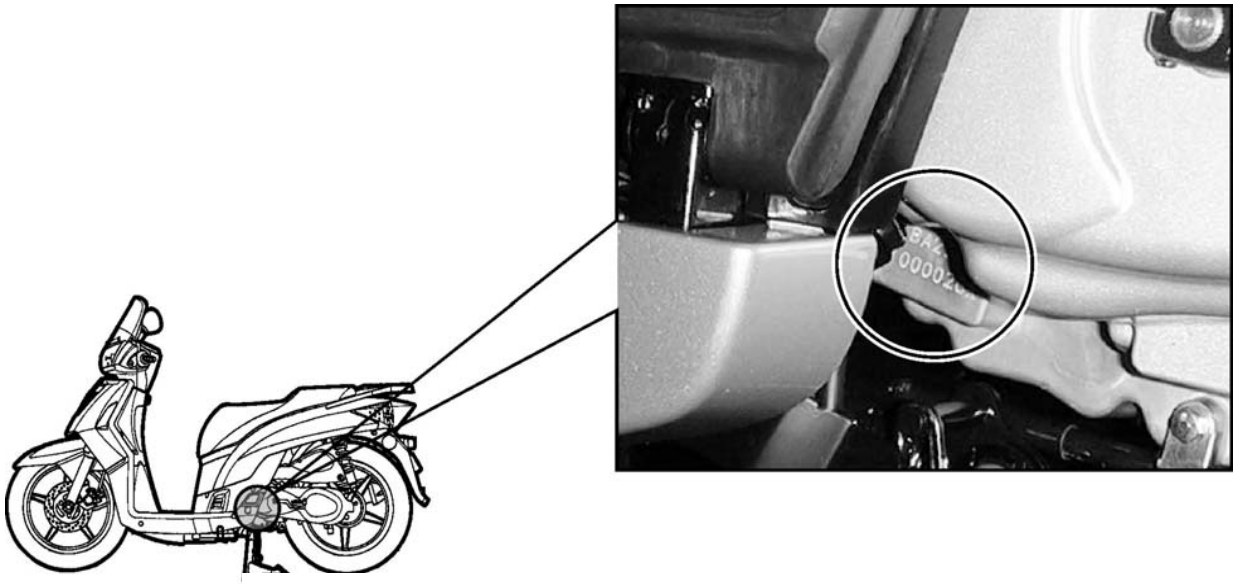
VIN:

Please write your VIN in the space above.



ENGINE NUMBER

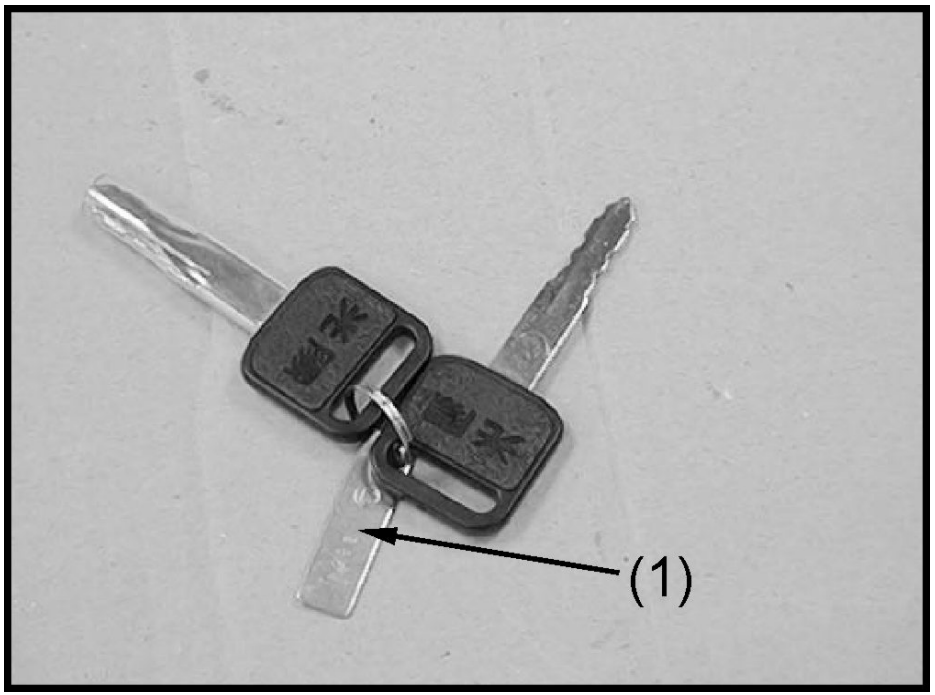
- The engine number is stamped on the left engine case.



Please write your engine number in the space above.

KEY NUMBER

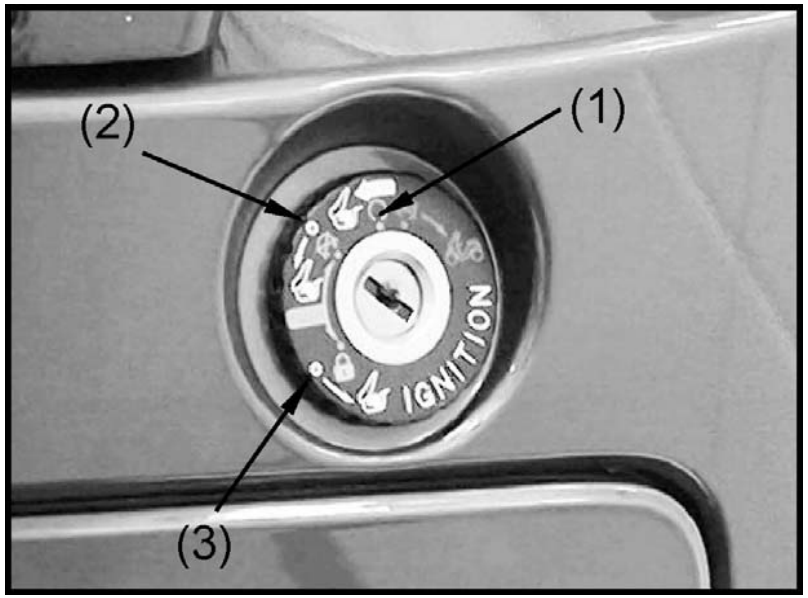
- The key number (1) will be needed when you order replacement parts.



Please write your key number in the space above.

3. OPERATING INSTRUCTIONS

IGNITION SWITCH / HANDLEBAR LOCK



(1) **ON**: In this position power is connected and you are able to start the engine. The key cannot be taken out.

(2) **OFF**: In this position, there is no power connected and the engine will stop. The key can be taken out.

(3) **LOCK**: In this position the handlebar is lock. The key can be taken out.

Locking Method

The handlebar can be locked by turning the handlebar to the left as far as possible. Push and turn the ignition switch key counter clockwise until you reach the "LOCK" position.

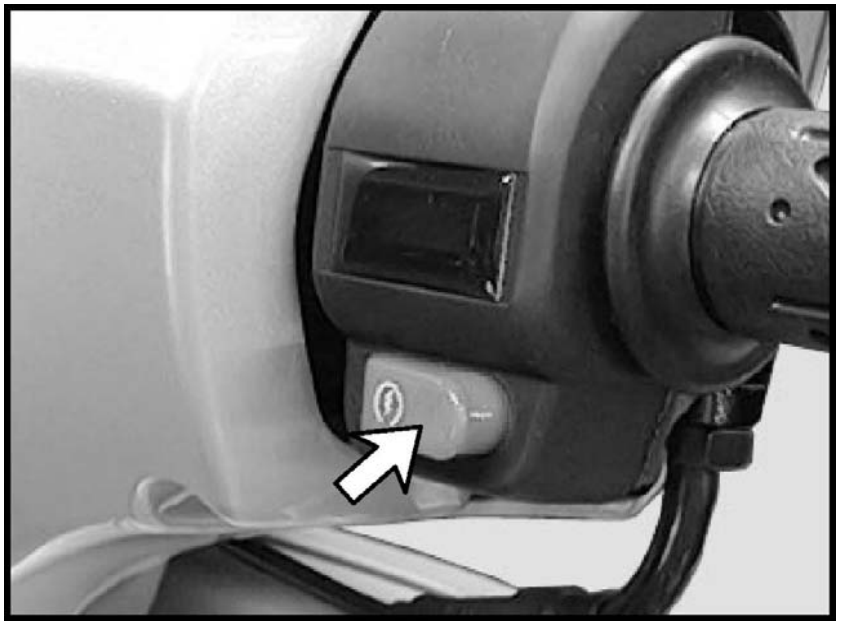
Unlocking Method

Turn the ignition switch key clockwise until you reach the "OFF" position. The "LOCK" will release automatically.

- **To ensure that the scooter is locked, turn the handlebar gently.**
- **While riding do not turn the ignition key to "LOCK", this could result in a loss of control and accidents.**
- **Do not park your scooter in a place that blocks traffic.**

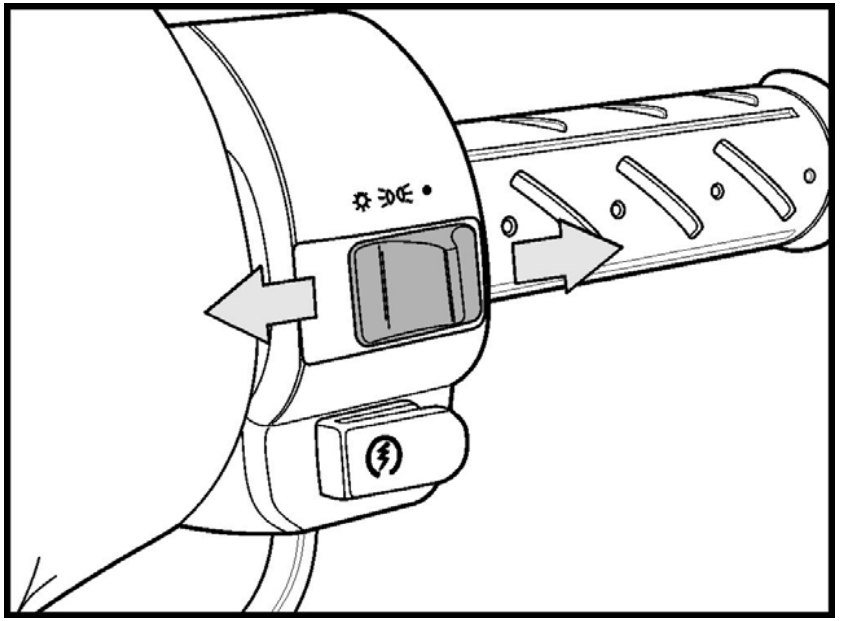
ELECTRIC STARTER BUTTON

To start the engine the ignition switch must be turned to “ON”. Fully apply the front or rear brake lever to connect the power and then push the electric starter button.



- **To avoid engine damage do not push the electric start button while the engine is running.**
- **Before using the electric start button be sure that the headlight and turn signal switches are in the “OFF” position.**
- **Release the electric start button immediately after the engine has started.**

HEADLIGHT SWITCH

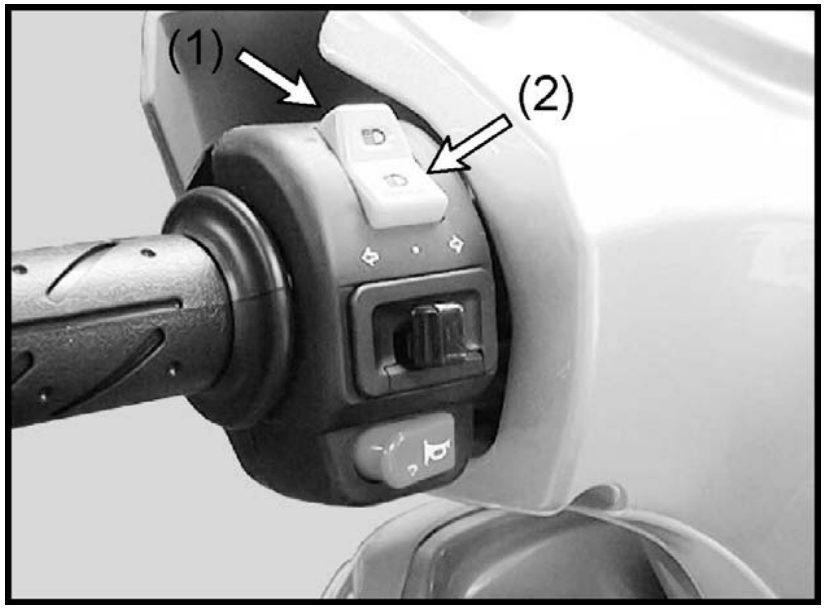


In this position the parking light, headlights, instrument lights and taillight turn off together.

In this position the parking light, instrument lights and taillight are turned on.

In this position the parking light, headlight, instrument lights and taillight are turned on.

HEADLIGHT DIMMER SWITCH / PASSING SIGNAL SWITCH



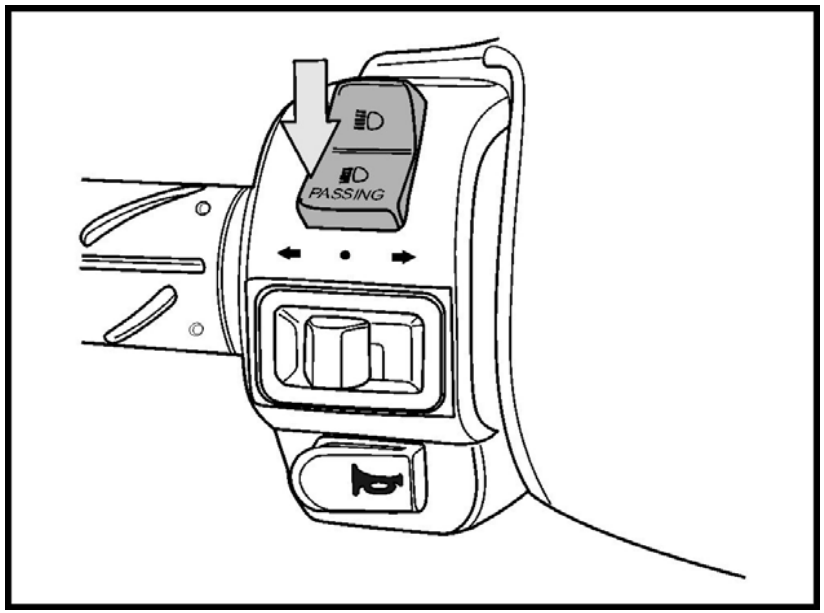
(1) Switch to this position for using high beams.

(2) Use low beams when driving in a downtown area or when there is oncoming traffic. High beams can affect the visibility of oncoming traffic.

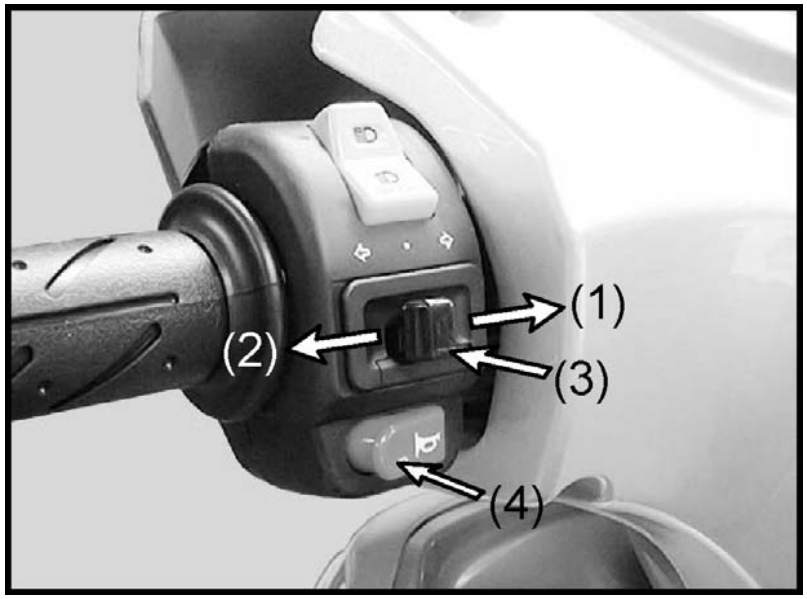
- **Indicator light appears when high beams are in use.**

PASSING

- This switch allows you to flash your high beams if necessary to other vehicles.



HORN BUTTON / TURN SIGNAL SWITCH



- When the ignition switch key is in the “ON” position, push the horn button and it will sound.
- Move the turn signal switch to (1) → this will activate the right turn signal.
- Move the turn signal switch to (2) ← this will activate the left turn signal.
- Push the button (3) to release the turn signal switch.
- Press (4) to use the horn.

- **The turn signal light will NOT release automatically.**
- **Be sure to manually release the turn signal switch.**
- **Failure to do so may affect traffic safety.**

SEAT LOCK / MET-IN BOX (UNDERSEAT STORAGE)

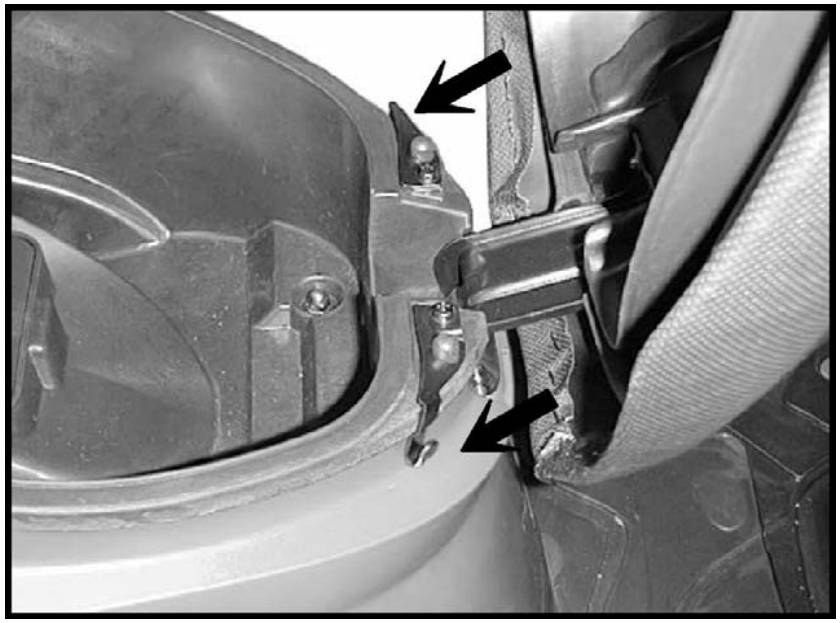
- Turn off the engine by turning the switch key to the “OFF” position.
- Turn the key LEFT to unlock the seat.
- If the engine is still running, keep the switch key at the “ON” position and push to the LEFT to unlock the seat.
- To close, push the seat down – it will lock automatically. Double check that it is locked by pulling up the seat cushion.

- **Never leave the key under the seat cushion!**

HELMET BUCKLE

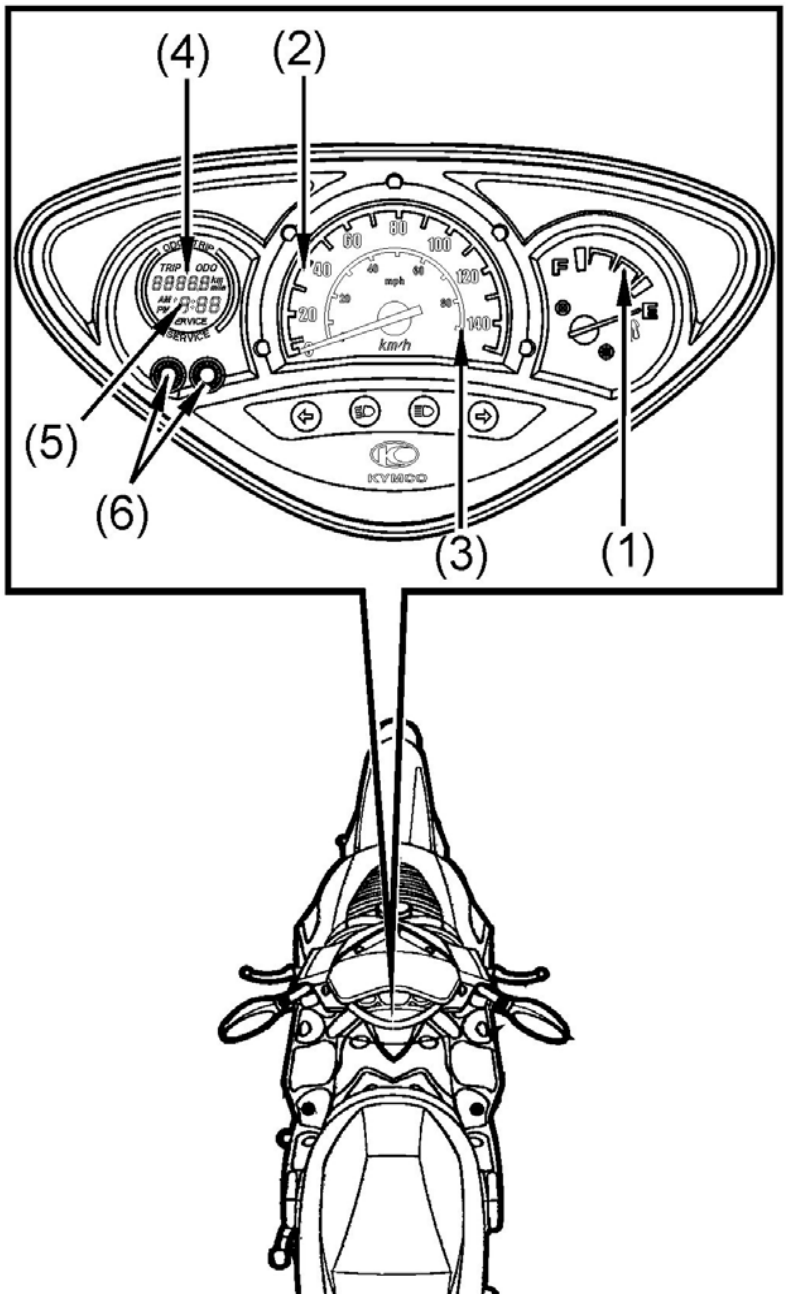
1. Open the seat with the ignition switch key and lift up the seat.
2. Put the helmet retaining ring into the helmet buckle.
3. Put the seat down and it will lock automatically.

- Reverse the order of the above steps when taking the helmet off of the buckle.



- **When riding be sure that you are wearing the helmet and that it is not still on the scooter. Leaving it on the scooter could result in damage of coated parts, or interfere with the safe operation of the scooter and could result in a loss of control and possible injury to the rider.**

INSTRUMENTS & INDICATORS



(1) FUEL GAUGE: The fuel gauge shows the volume of gasoline in the fuel tank. If the fuel gauge pointer is at the "E" area, fuel levels are low or empty. Refill with unleaded gasoline (either 92 or 95) as soon as possible.

(2) SPEEDOMETER (km/hr): The riding speed is indicated in kilometers per hour.

(3) SPEEDOMETER (mph): The riding speed is indicated in miles per hour.

(4) ODOMETER: Total riding mileage is indicated in kilometers.

(5) CLOCK: Displays time (can be adjusted manually).

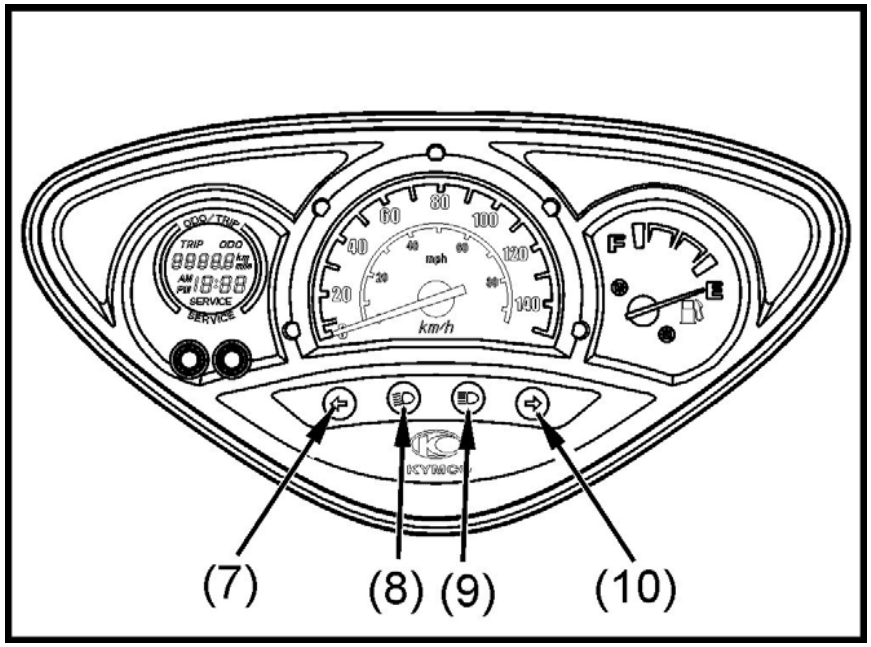
(6) ADJUST KEY: Used to correct and set the odometer.

(7) TURN SIGNAL INDICATOR LIGHT (LEFT): This indicator light will blink if you are using the left turn signal.

(8) LOW BEAM INDICATOR LIGHT: Lights up when you are using the short distance light is turned on.

(9) HIGH BEAM INDICATOR LIGHT: Lights up when you are using the long distance light is turned on.

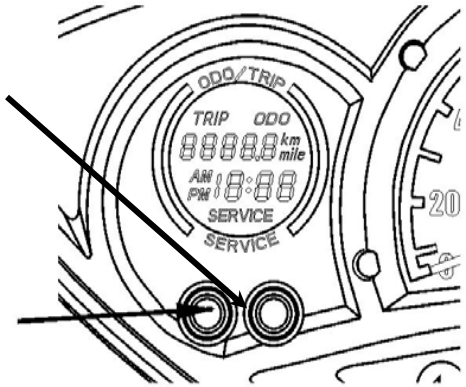
(10) TURN SIGNAL INDICATOR LIGHT (RIGHT): This indicator light will blink if you are using the right turn signal.



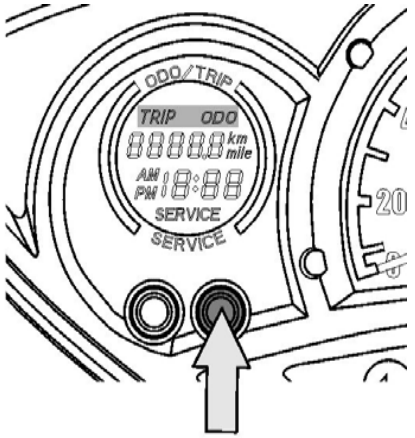
OPERATION INSTRUCTIONS FOR MULTI-METER

Button B (mode)

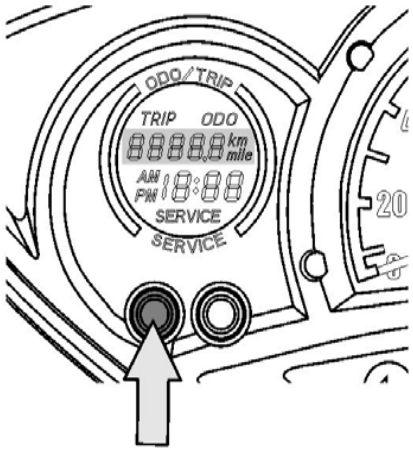
Button A (adjustment)



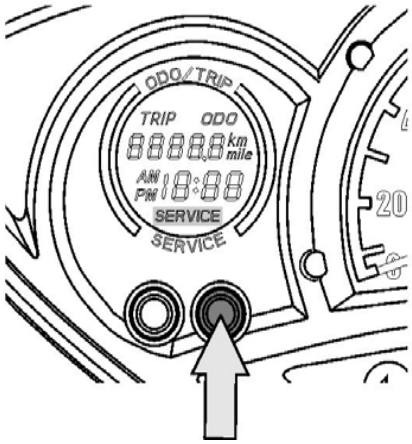
(2)
Press and hold Button B for 2 seconds:
change function to ODO / TRIP



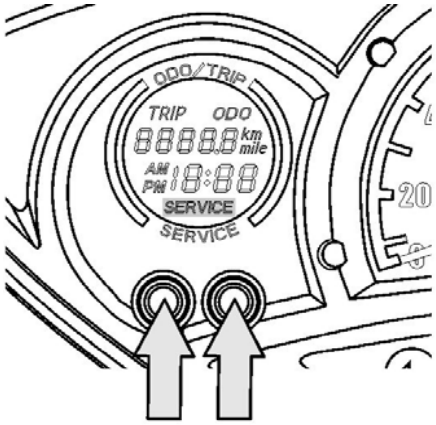
(1)
Press and hold Button A for 2 seconds:
Change to mph or km/h



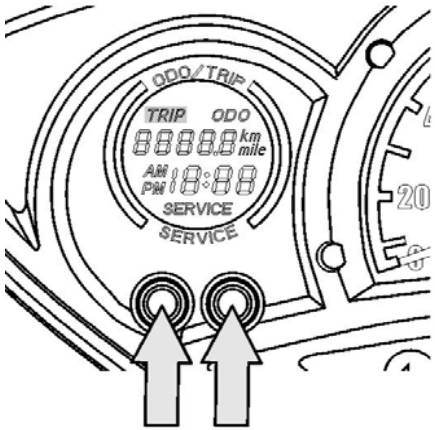
(3)
Press and hold Button B for 5 seconds – this selects the service mode.
Holding for an addition 2 seconds will return it to ODO / TRIP



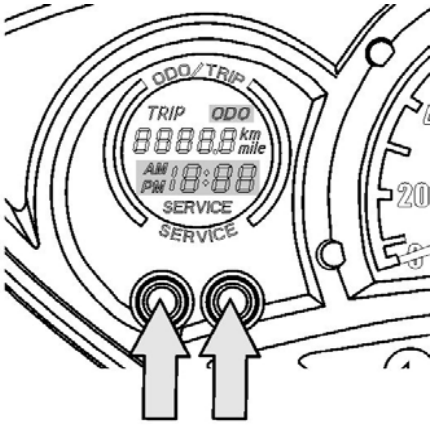
(4)
Service Reset:
Press and hold Button A and B simultaneously for 2 seconds to reset to zero when set to service function.



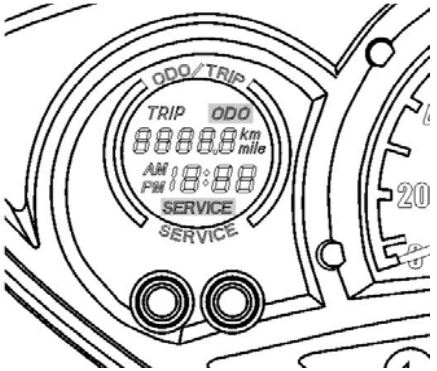
(5)
Trip Reset:
Press and hold Button A and B simultaneously for 2 seconds when set to trip function.



(6)
Time Adjustments:
Press and hold Button A and B simultaneously for 2 seconds when set to ODO function. When the hour display starts flashing press Button B to adjust the hour. Press Button A and the minute display will begin to flash, press Button B to adjust the minutes. Press Button A and B simultaneously to end the time adjustment.

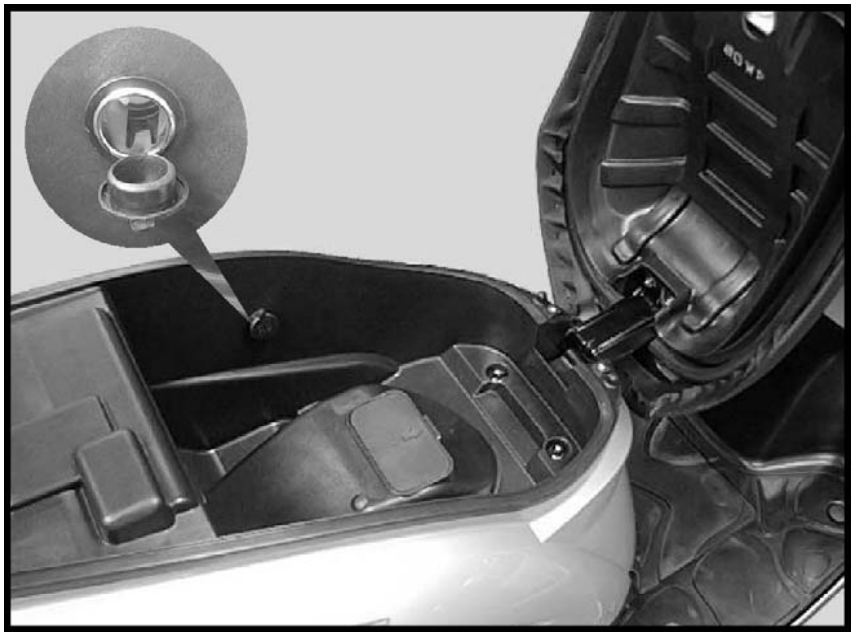


(7)
Engine Oil Replacement:
In ODO function, the service indicator will start flashing at 2000km. After the oil change, you need to reset the service function (see steps 3 and 4).



CELL PHONE SOCKET

- Open the seat and insert the cell phone charger wire into the socket.



- When not in use, be sure to close the protective cover of the socket.
- Even if your cell phone is fully charged, the power cannot be cut off.
- To avoid cell phone overcharge, follow cell phone manufacturer's charging instructions.

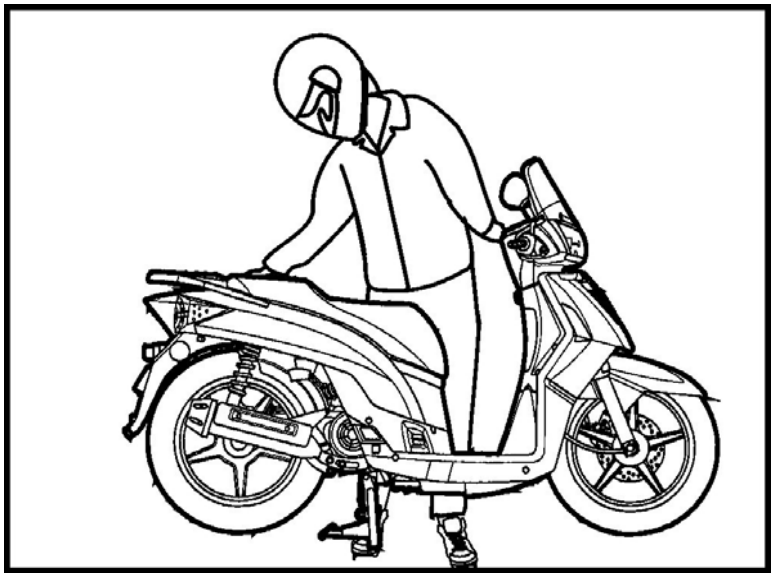
REAR SHOCKS

- Rear shocks can be adjusted by changing the spring position.
- Using the special tool provided in your tool kit you can change the spring position.
- When you are adjusting the spring position of the rear shocks be sure to adjust the other side equally.

Rear shocks can be adjusted to three positions:

(1) "hard" position
(2) "medium" position
(3) "soft" position

4. PRE-RIDE INSPECTION



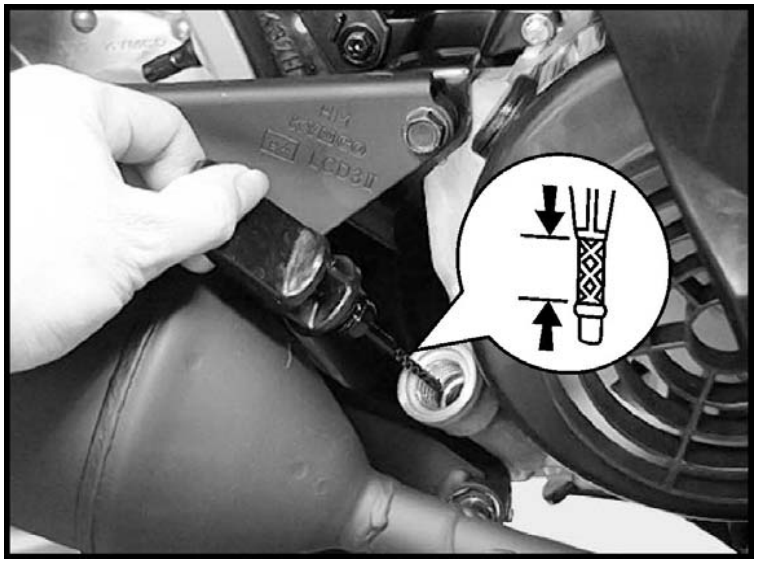
ADVANCE INSPECTION

- Get into the good habit of inspecting your bike before riding.
- A pre-ride inspection is an absolute requirement in order to minimize risks while riding, and prevent vehicle damage and traffic accidents.

Be sure to perform inspection and maintenance for your new scooter after it has been ridden for 300km.

ENGINE OIL LEVEL INSPECTION / REFILLING

- Place the scooter on its main stand.
- Take out the oil dipstick and wipe it clean.
- Directly insert the oil dipstick into the engine oil (don't screw it in).
- Take out the dipstick and check the oil level.
  If it is close to the lower limit, add engine oil to the upper limit.



- **The engine and exhaust muffler are very hot, be careful not to burn yourself when checking the oil.**
- **Riding with an insufficient amount of engine oil will cause engine damage and breakdown.**

FRONT LUGGAGE BOX

To Unlock

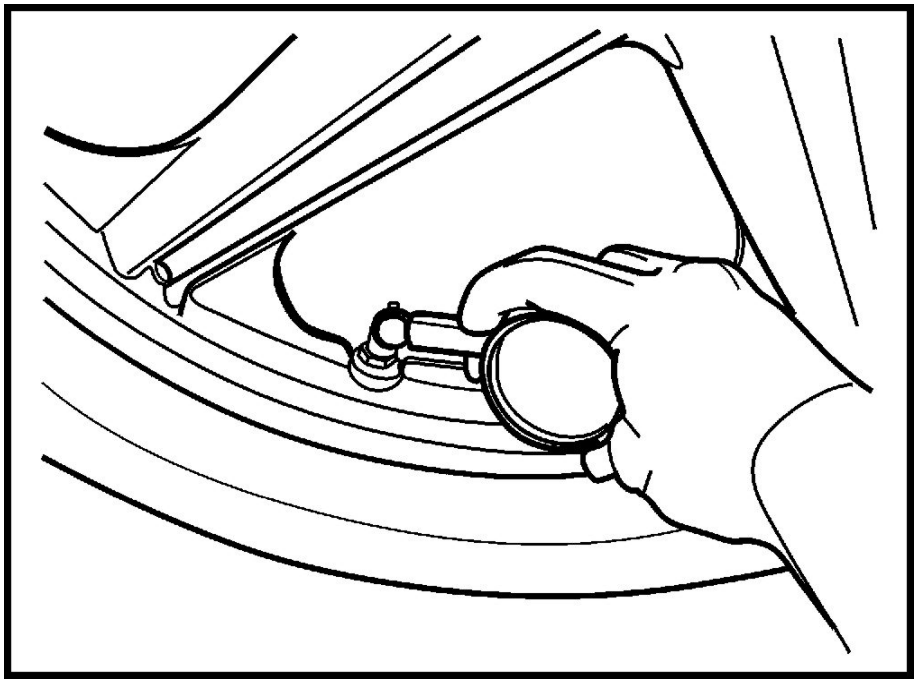
- Turn the ignition key directly from the “OFF” position to the "🛵"position. The luggage box cover will open automatically.

To Lock

- Push up the luggage box cover and press – it will lock automatically. To check that it is locked, slightly pull down on the luggage box cover.

- **Maximum loading capacity of the front luggage box is 1.5 kg.**

TIRE INSPECTION



1. TIRE PRESSURE CHECK

- Check that the tire pressure is normal when the tire is in contact with level ground.
- If the tire looks over or under inflated, check the pressure with a tire pressure gauge.
- Measure the tire pressure at room temperature.
- The tire pressure must not exceed 2.50kg/cm²

NORMAL PRESSURE(1 Rider / 2 Riders)	
Front Wheel	1.5/1.75 kgf/cm²
Rear Wheel	2.0/2.25 kgf/cm²

2. CRACKS AND DAMAGE

- Check the tire contact area for any cracks or other damage.

3. ABNORMAL WEAR

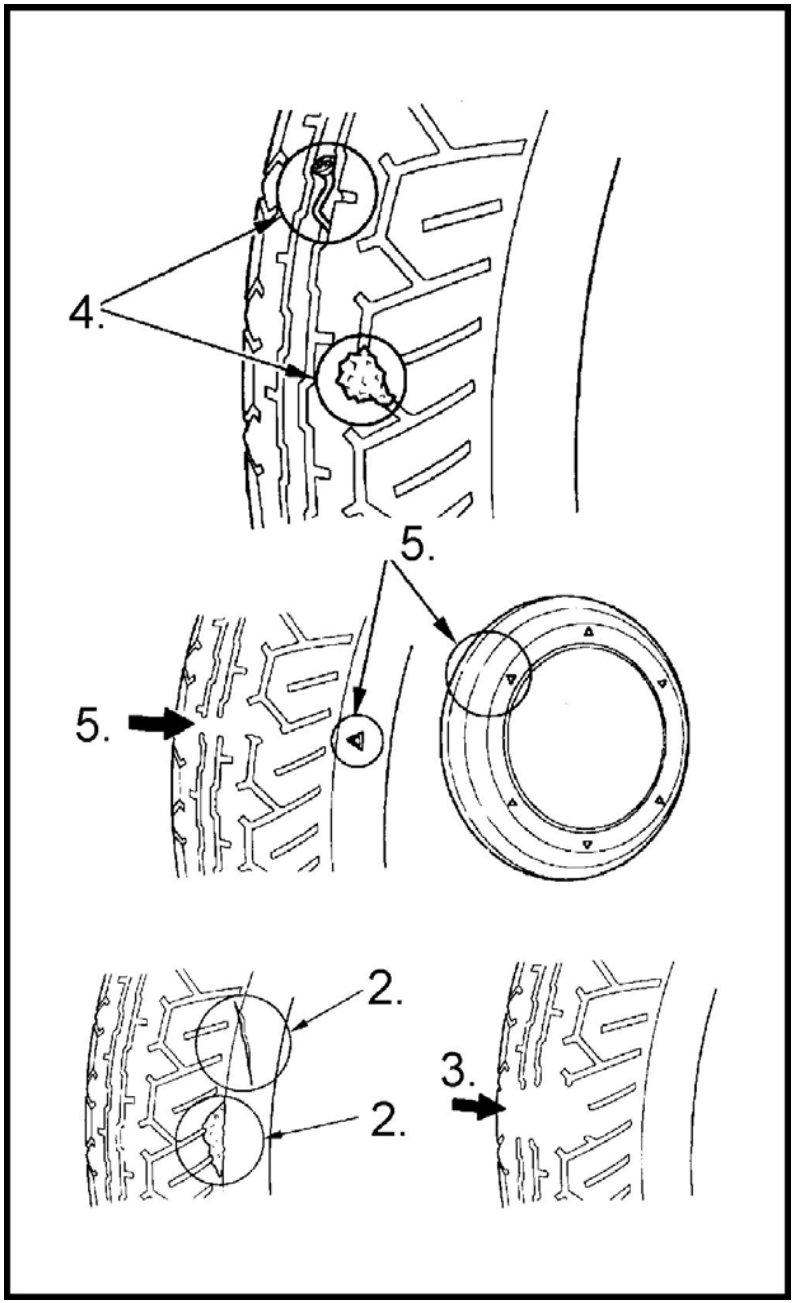
- Check the tire contact area for any abnormal wear and tear.

4. FOREIGN OBJECTS, METAL PIECES AND GRAVEL

- Check the tires and tire contact are for imbedded objects including, including pieces of metal and gravel.

5. DEPTH OF TIRE GROOVE

- If the tire is worn to the wear limit indication mark replace it with a new one.



- Incorrect tire pressure, cracks, damage and abnormal wear may cause the tire to blow out or deflate.
- If the tire has any cracks or is worn to the wear limit indication mark replace it with a new one.

FUEL LEVEL INSPECTION / REFILLING

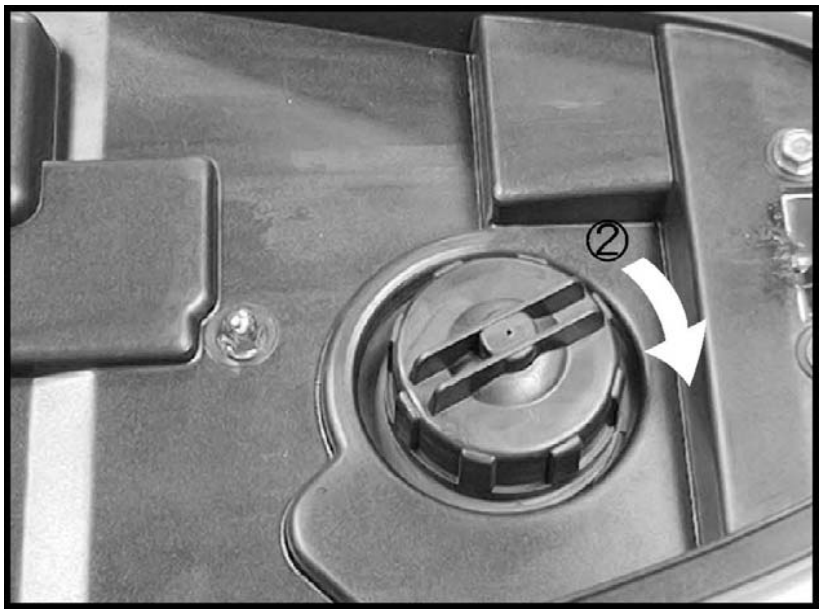
- Check that the fuel levels are sufficient.
- If the fuel gauge pointer is at the red grid, refill with unleaded gasoline (either 92 or 95).

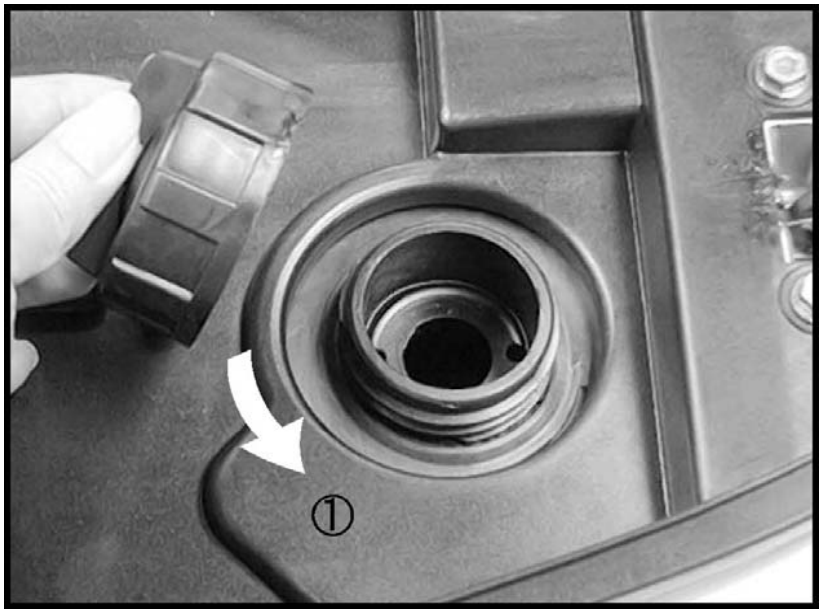
REFILLING METHOD

1. Open the seat with the ignition switch key (pg 8) then remove the fuel cap by turning it counterclockwise.
2. After refueling with either 92 or 95 unleaded gasoline, be sure to tighten the fuel cap firmly by turning it clockwise.

(1) Unlock (2) Lock

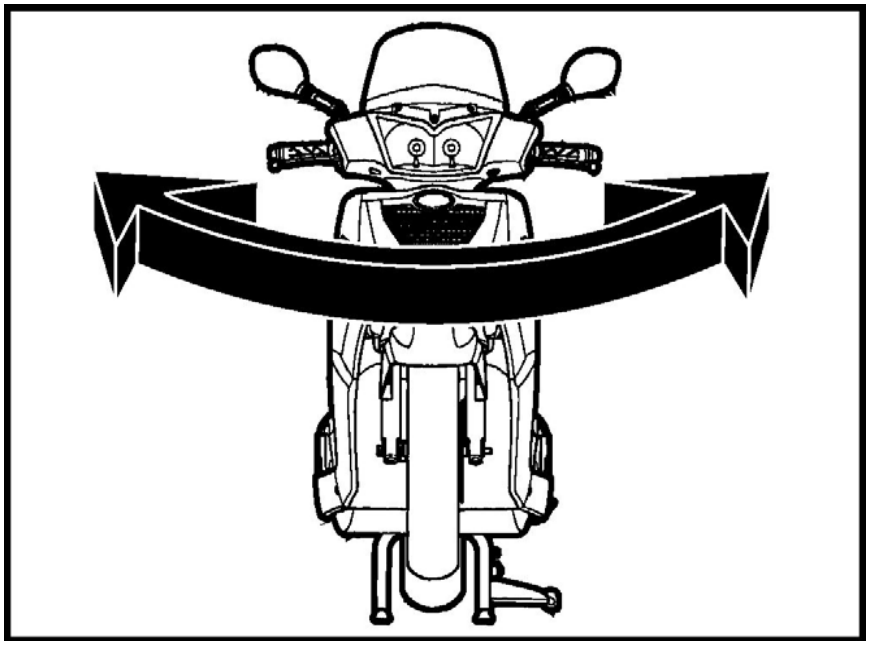
- **Be sure to stop the engine before refilling.**
- **The gasoline level should not exceed the reference plate, otherwise fuel will leak out.**
- **To avoid engine breakdown do not add other additives.**





STEERING HANDLEBAR

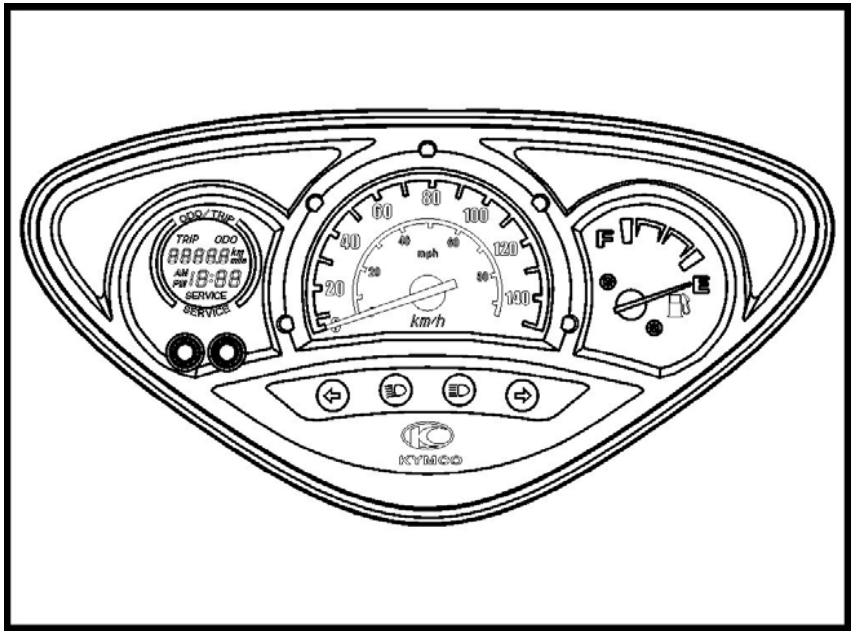
- Visually inspect the steering handlebar for damage.
- Apply the front brake and move the handlebar up and down to check for any abnormal noise.
- Move the steering handlebar up, down, left, and right to check for any loose parts.
- Check to make sure that the handlebar rotates freely.
- If any abnormal condition is found, take your scooter to your authorized KYMCO dealer for inspection.



INSTRUMENT LIGHTS INSPECTION

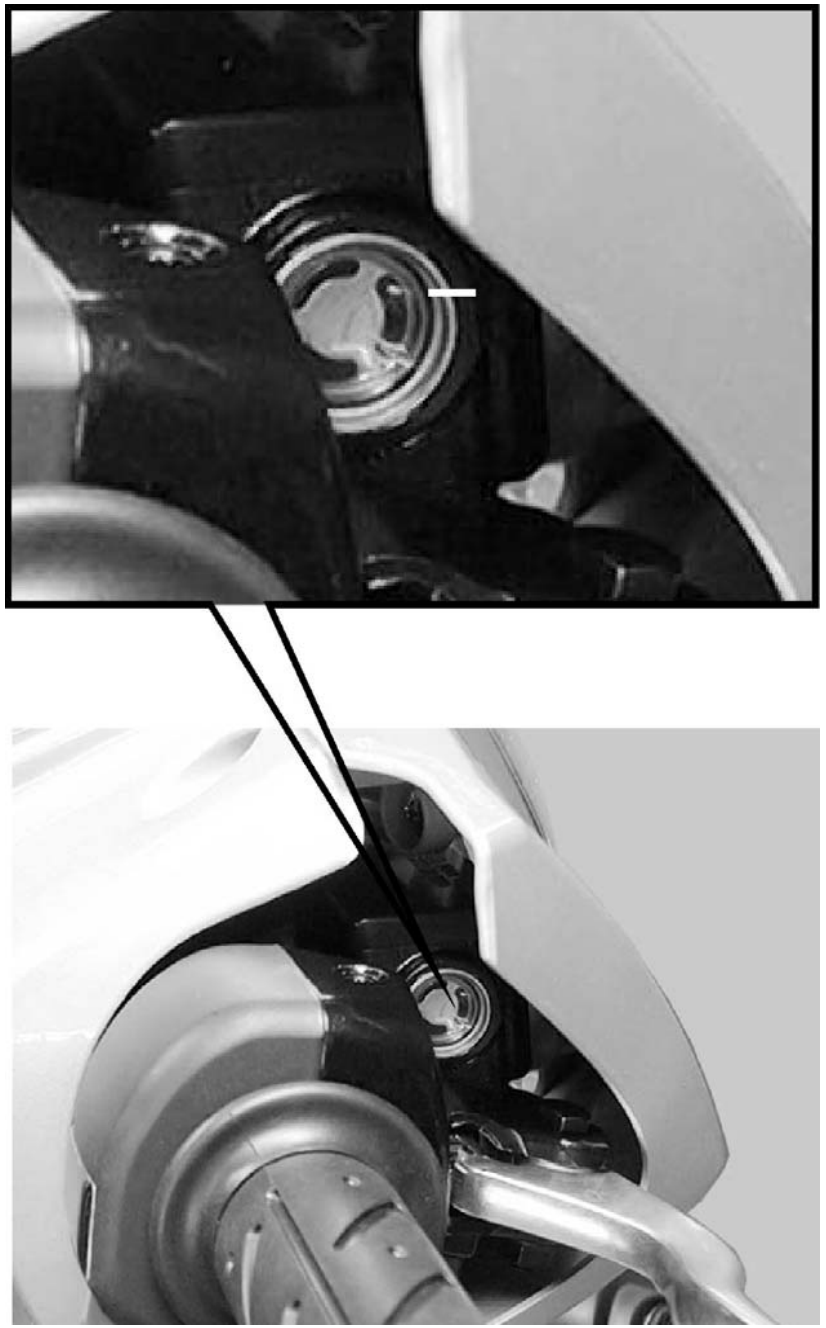
- Check the turn signal indicator lights and high beam indicator light to ensure that they are operational.
- Check the speedometer to ensure that it is operational.
- Check the fuel gauge to ensure that it is operational.
- Check the low oil indicator light to ensure that it is operational.

- **The needle on the speedometer will go from zero to maxi speed when the ignition switch is turned on. All this is doing is checking the working condition of the speedometer.**



BRAKE FLUID LEVEL INSPECTION

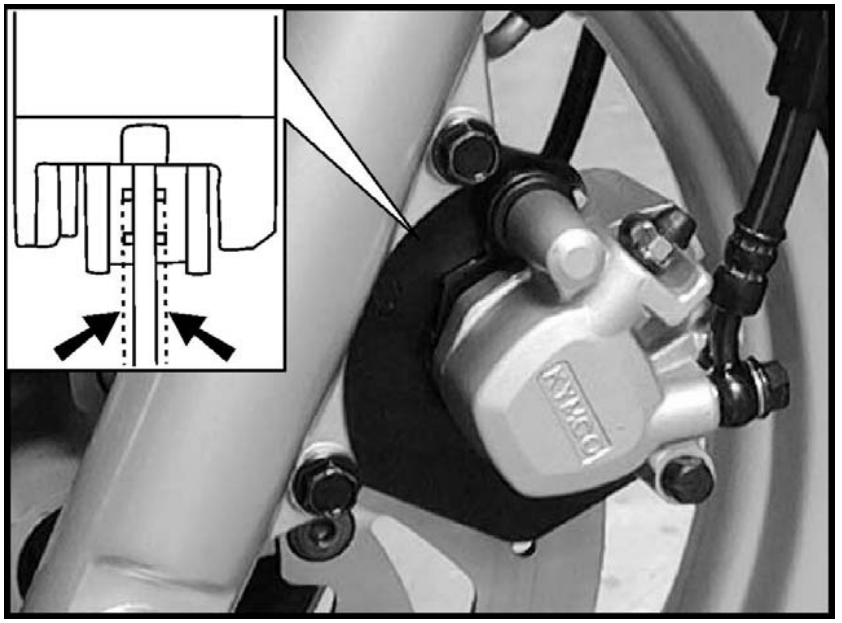
- Look through the inspection window to see if the fluid level is below the lower level mark.



- **As the brake pads wear, brake fluid levels drop automatically compensating for wear.**
- **There are no adjustments to perform, but fluid level and pad wear must be inspected periodically. Frequent inspections will ensure that there are no fluid leaks.**
- **If the brake lever travel becomes excessive and the brake pads are not worn beyond the recommended limit, there is probably air in the brake system and it must be bled. See your authorized KYMCO dealer for this service.**
- **To prevent damage to the brake system, only use fluid from a sealed container. Never allow contaminants (dirt, water, etc) to enter the brake fluid reservoir.**
- **Brake fluid can damage paint and plastic, so handle the fluid with care. When adding brake fluid, be sure the reservoir is horizontal before removing the cover to prevent accidentally spilling.**
- **Use only DOT 4 brake fluid from a sealed container.**

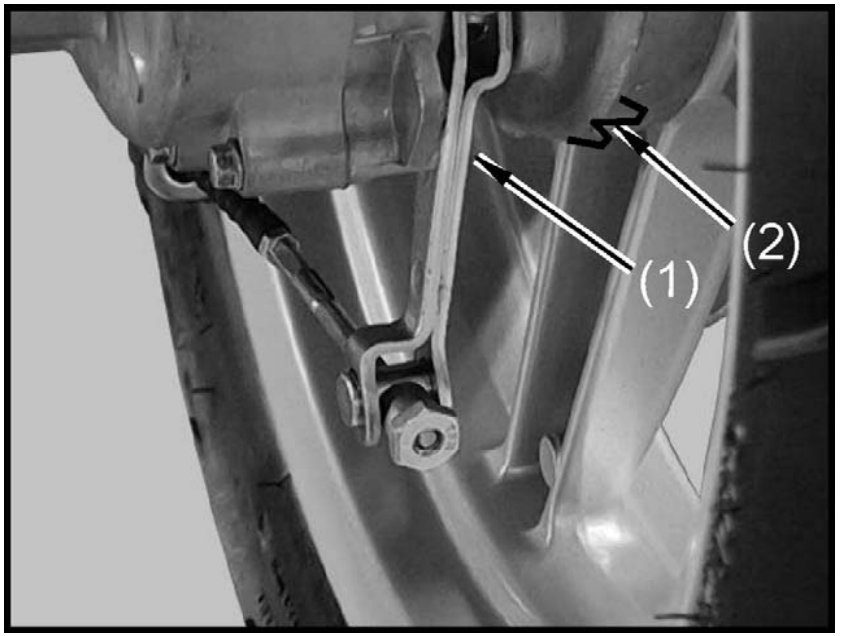
BRAKE PAD WEAR

- Check the wear indicator mark on each pad.
- If either pad is worn to the wear indicator mark, replace both pads as a set. See your authorized KYMCO dealer for this service.



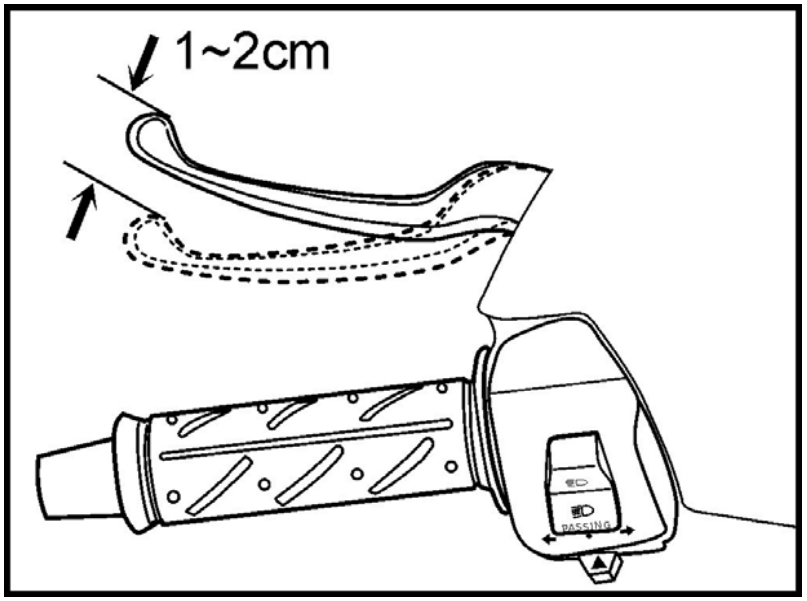
BRAKE SHOE WEAR

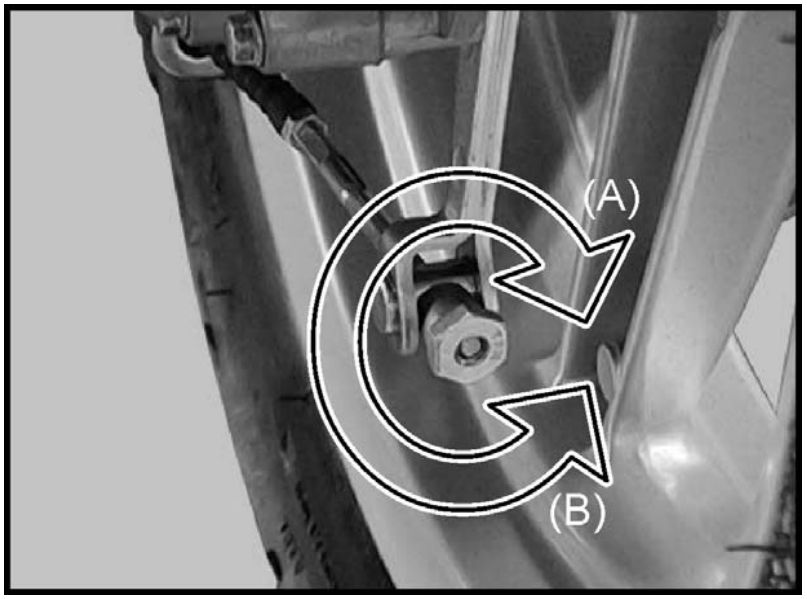
- The rear brake is equipped with a brake wear indicator.
- When the brake lever is fully applied, an arrow mark (1) attached to the brake arm moves towards a reference mark (2) on the brake panel.
- If the arrow mark aligns with the reference mark on full application of the brake, the brake shoes must be replaced. See your authorized KYMCO dealer for this service.



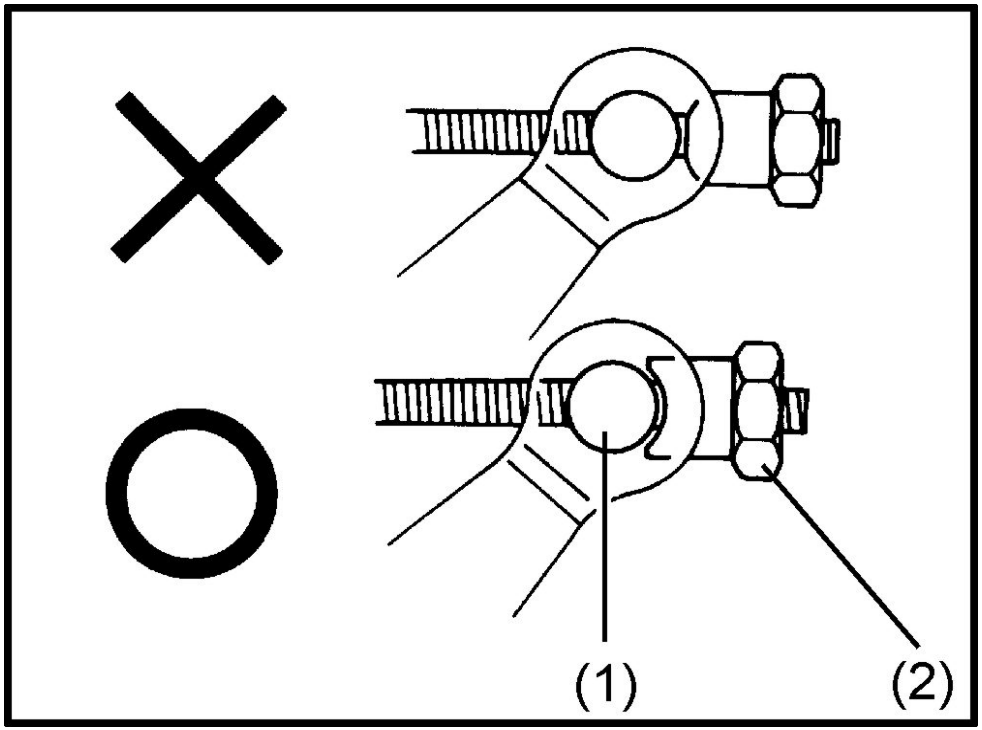
BRAKE LEVER FREE PLAY INSPECTION & ADJUSTMENT

- The rear brake lever free play should be adjusted to 10-20mm (0.4-0.8in) at the tip of the brake lever. If the free play is incorrect, adjust as follows:
- Place the scooter on its main stand.
- Turn the adjusting nut in direction (A) to decrease play, and in direction (B) to increase play.





- Make sure the cut-out on the adjusting nut (2) is seated on the brake arm pin (1) after making final free play adjustment.



HORN / LIGHTS INSPECTION

- Turn the ignition switch “ON” and push the horn button to see if it sounds.

HEADLIGHT / TAILLIGHT

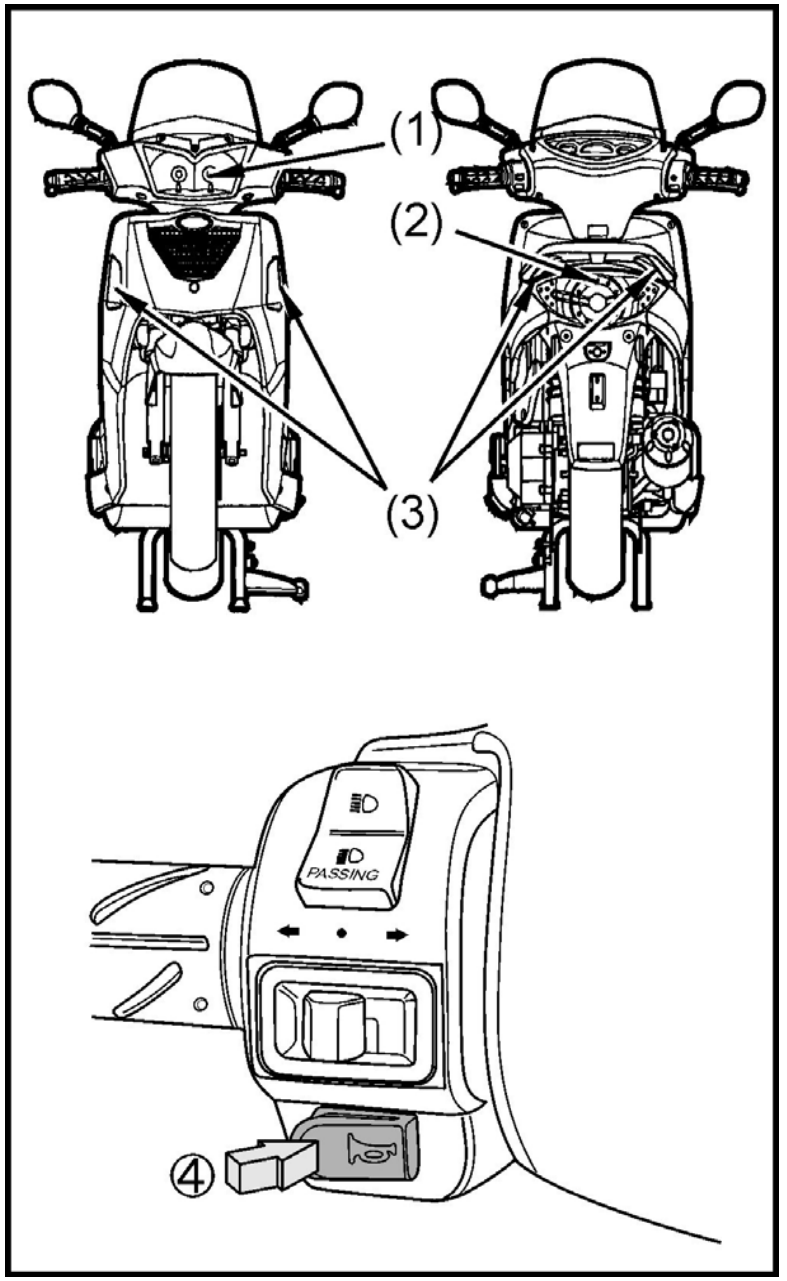
- Start the engine and turn on the headlight switch and check if the headlight and taillight are working properly. Also check the light shells for any dirt and damage.

BRAKE LIGHT INSPECTION

- Apply the front and rear brake levers respectively to check if the brake light is working properly. Also be sure to check the light shell for any dirt and damage.

TURN SIGNAL LIGHT INSPECTION

- Operate the turn signal switch to ensure that the right/left front and rear turn signal lights flash. Also be sure to check the light shells for dirt and damage.



(1) Headlight
(2) Brake light / Taillight
(3) Turn Signal Light
(4) Horn button

- Replace any dirty or damaged lights with new ones to avoid danger and to ensure a safe ride!

FRONT / REAR SHOCK ABSORBER INSPECTION

- Check the condition of the front and rear shock absorbers by pressing down on the handle bar and seat several times.

BRAKE PERFORMANCE INSPECTION

- Fully apply the front and rear brake levers and move the scooter forward to see if the braking effect is good.

REAR VIEW MIRROR ANGLE CHECK

- Sit up straight on the scooter and check the angle of your rear view mirrors.

LICENSE PLATE CHECK

- Check the license plate for dirt and damage, then tighten it.

REFLECTOR CHECK

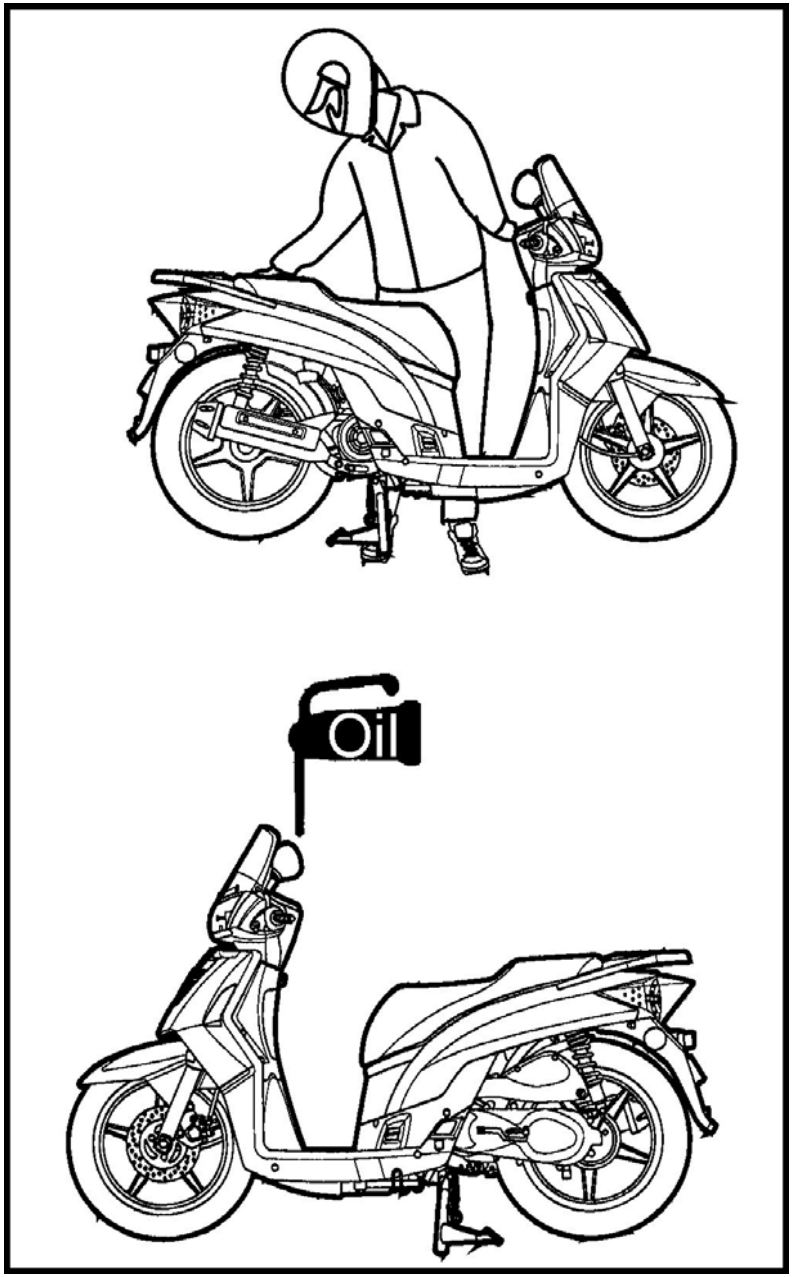
- Check the reflector for dirt and damage.

PREVIOUS DAMAGE INSPECTION

- Verify that any previous damage has been serviced and repaired.

LUBRICATION POINT CHECK

- Visually verify that all lubrication points on the scooter are properly lubricated.



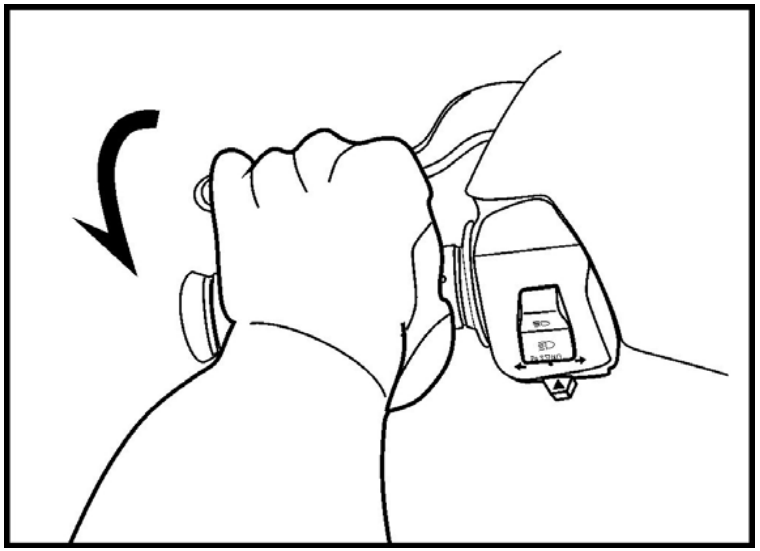
5. ENGINE STARTING METHOD

TURN THE IGNITION SWITCH "ON"

- Unlock the steering handlebar.
- Turn the ignition switch to the "ON" position.

- **Check the gasoline volume and engine oil levels before starting the engine.**
- **Be sure that both the centre and side stands are up before starting the engine.**

LOCK THE REAR WHEEL

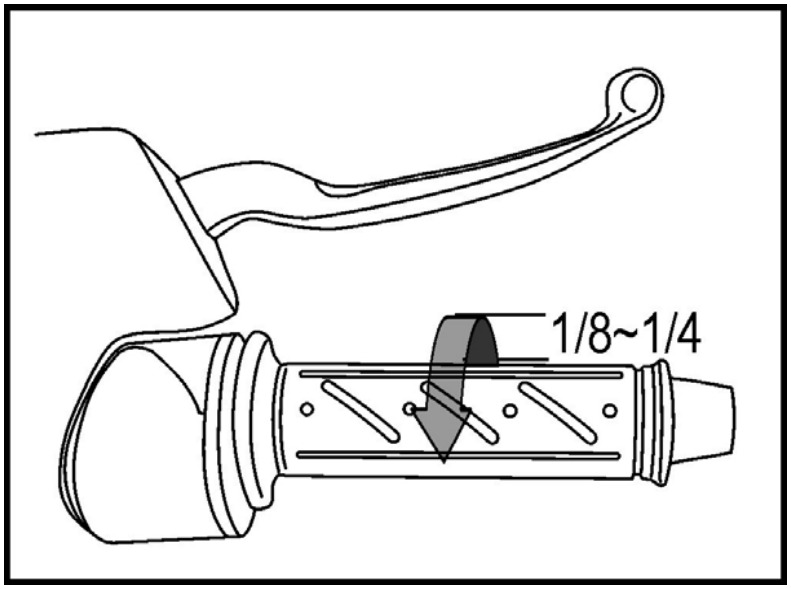


- Apply the rear brake lever to connect power for starting.

- In order to prevent the scooter from rushing out from underneath you at high speeds, make sure you lock the rear wheel.
- If there is excessive brake lever play, the bike may experience loss of braking power.

USING THE ELECTRIC STARTER BUTTON

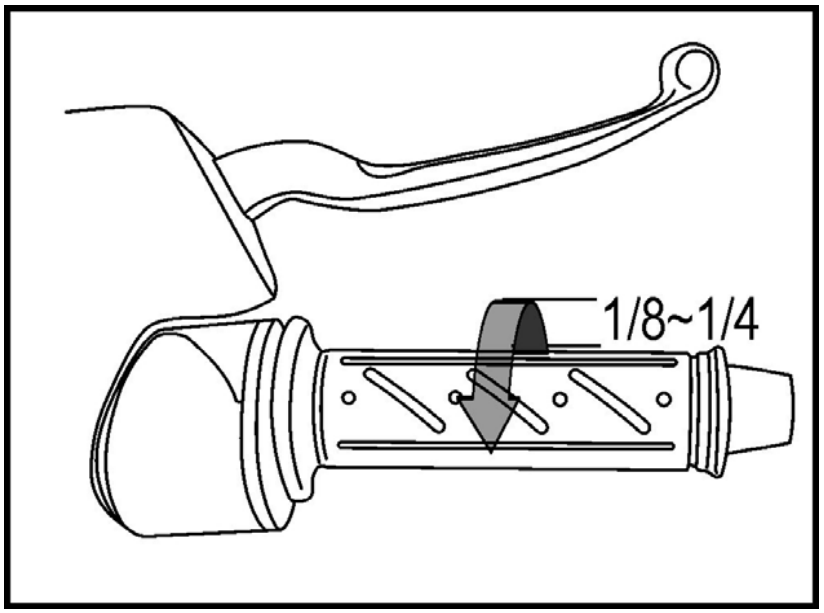
- Push the electric starter button without rotating the throttle grip.
- If the engine fails to start after the electric started button is pressed for 3 – 4 seconds when it is warm, rotate the throttle grip for 1/8 – 1/4 turn to facilitate starting.
- It may be difficult to start the scooter if it has not been used for a long period of time or if the fuel tank is empty. If the engine is still hard to start after the fuel tank is refilled with gasoline, slightly turn the throttle grip and push the electric starter button simultaneously several times to start the engine.
- In order to avoid battery overcharge, do not push the electric starter button for more than 5 seconds.
- If the engine does not start after the electric starter button has been pushed for more than 5 seconds, wait an additional 5 seconds before pushing the button again or try starting the engine with the kick pedal.



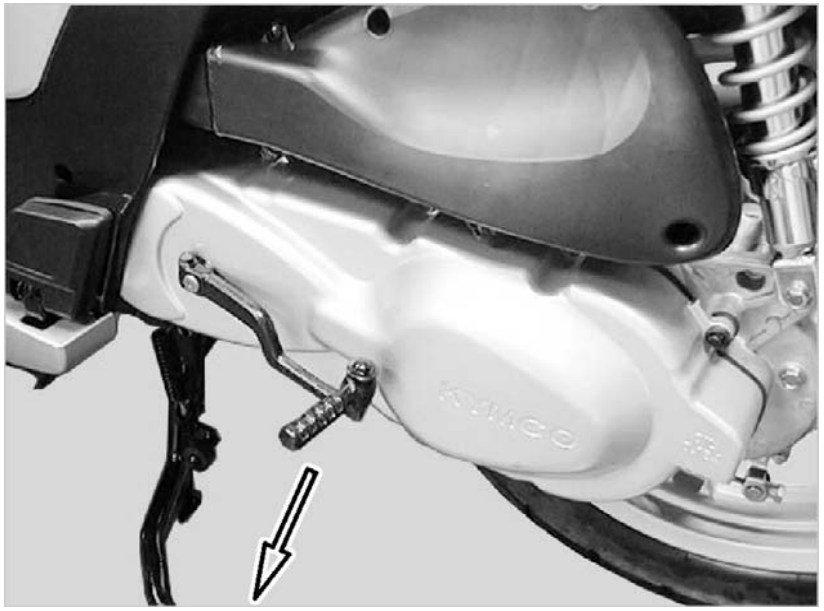
- **Pushing the electric starter button while the engine is running could seriously damage the engine.**
- **When starting the engine remember that the rear brake Lever must be applied to connect power. The brake light will come on when power has been connected.**

STARTING WITH THE KICK PEDAL

1. Place the scooter on its main stand on level ground.
2. Depress the kick pedal with force.
   - When the engine is cold and does not start after the kick pedal is depressed 3 – 4 times, rotate the throttle grip for 1/8 – 1/4 turn to facilitate starting.
   - Warm up the engine for approximately 2 – 3 minutes after a cold start.
   - Service life can be prolonged if you avoid sudden accelerations and ride at low riding speeds after starting the engine.



- **After starting the engine be sure that the kick pedal is returned to its original position.**
- **The exhaust contains carbon monoxide which is poisonous and is harmful to the human body. Never run the engine in a closed area.**
- **Turn off all light switches before starting the scooter.**



6. NORMAL RIDING METHOD

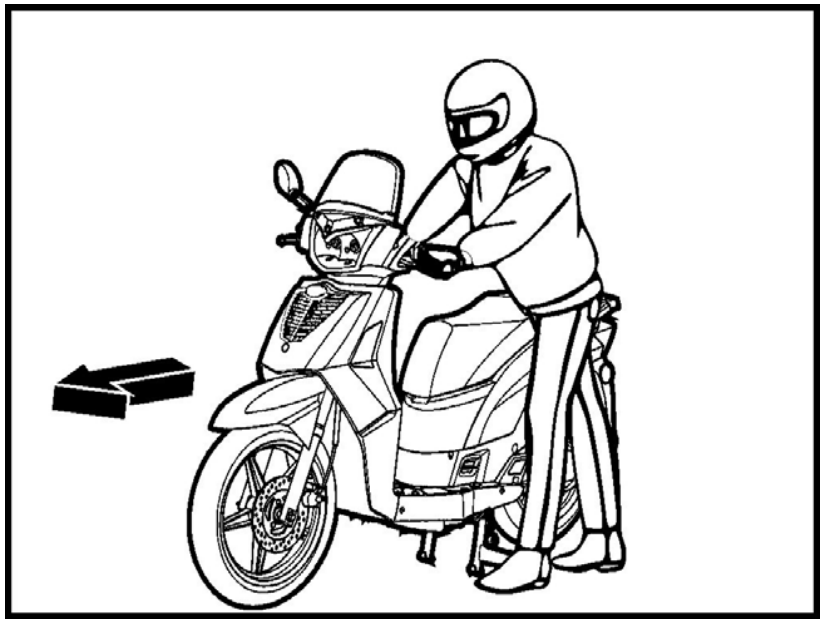
STARTING THE ENGINE

- Start the engine by referring to the starting methods specified in the previous section.

- **Remember that pushing the electric started button while the engine is running could seriously damage the engine.**
- **The rear brake lever should be held down in the braking position before riding.**

REBOUNDING THE MAIN STAND

- Keep the rear brake lever in a braking position and push the scooter forward. The main (centre) stand will rebound automatically.

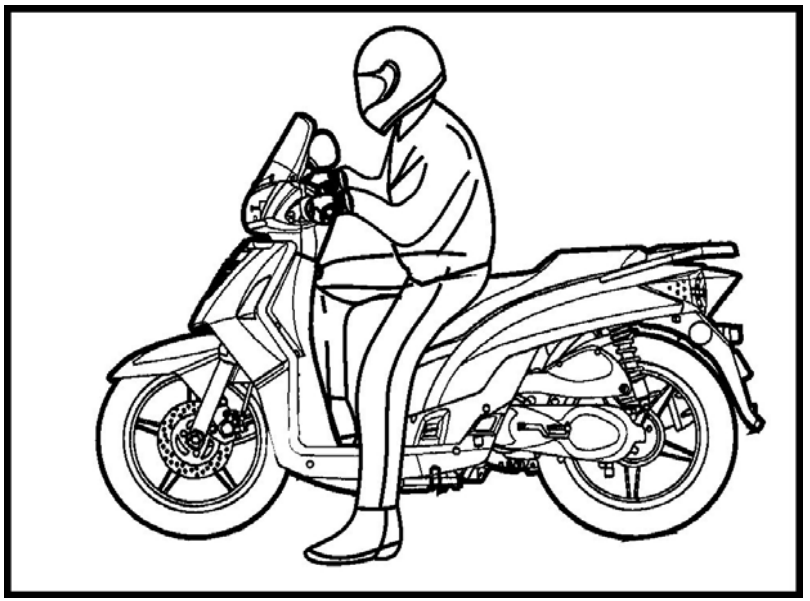


- **After starting the engine but before moving, do not turn the throttle grip to increase engine RPM!**

CORRECT SITTING POSITION

- Ride astride on the scooter from the left side and sit upright. Touch the ground with your left foot to avoid slipping.

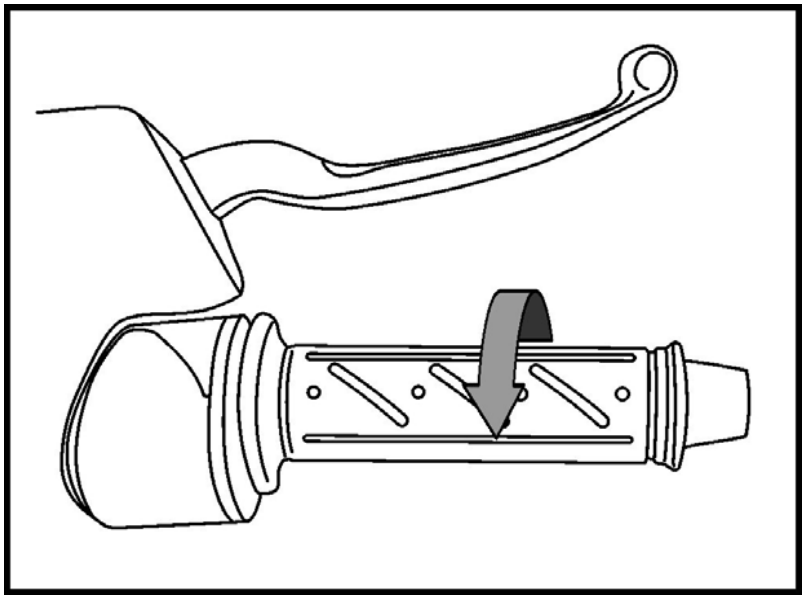
- **The rider must wear helmet, gloves, have proper eye protection and avoid wearing any clothing that could affect rider safety.**



ROTATE THE THROTTLE GRIP

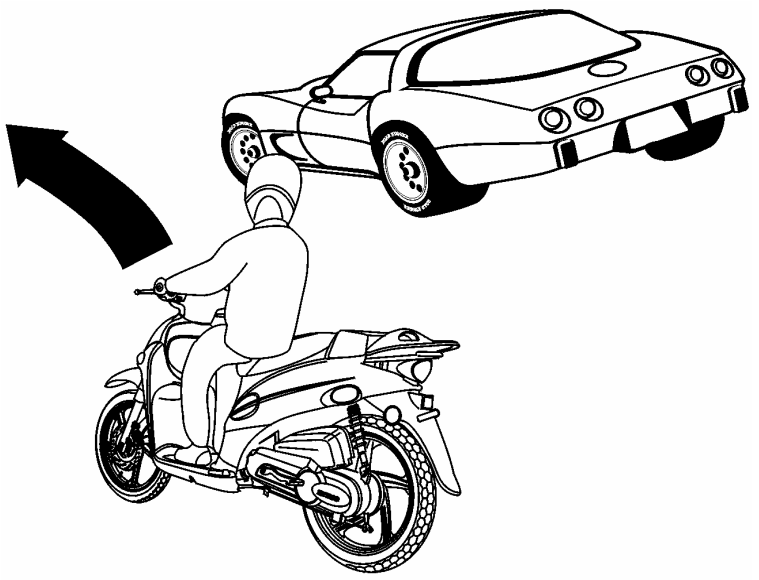
- Release the rear brake lever and slowly rotate the throttle grip, then the scooter will move smoothly.

- **To prevent the scooter from rushing out from under you, do not rotate the throttle grip suddenly after the rear brake lever is released.**
- **To save on fuel and prolong the life of your scooter, avoid rapid or sudden acceleration or deceleration.**



7. PRECAUTIONS FOR RIDING

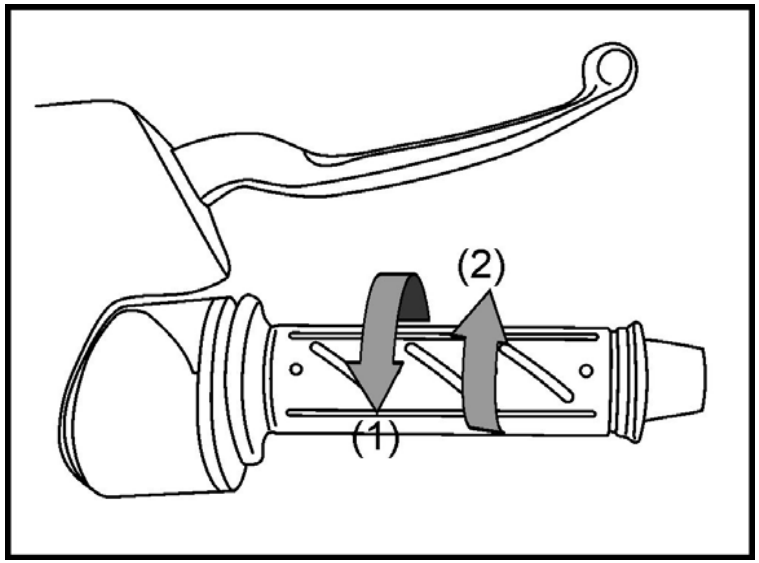
CORRECT RIDING



- Before riding anywhere, use your signal lights to indicate your Where you are going and be sure to conduct a shoulder check.
- Do not rush into the car lanes, and be sure to follow all provincial rules for motorcyclists.

- **Moderate riding will prolong the engine service life. The clutch linings are worn more quickly if the scooter is ridden regularly at low speeds.**

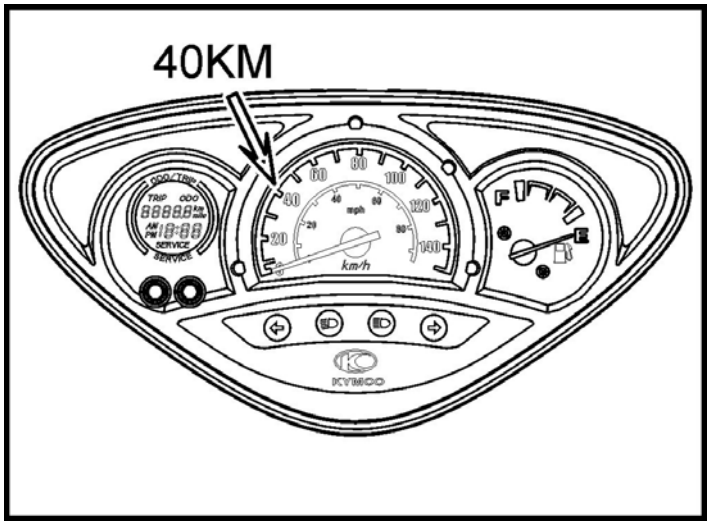
SPEED CONTROL



- The speed is controlled by the throttle grip.
  (1) ROTATE:
- The speed will increase.
- When riding on an ascending road, rotate the throttle grip gradually to increase the horse power.
  (2) RESTORE:
- The speed will decrease. Restore the throttle grip quickly.

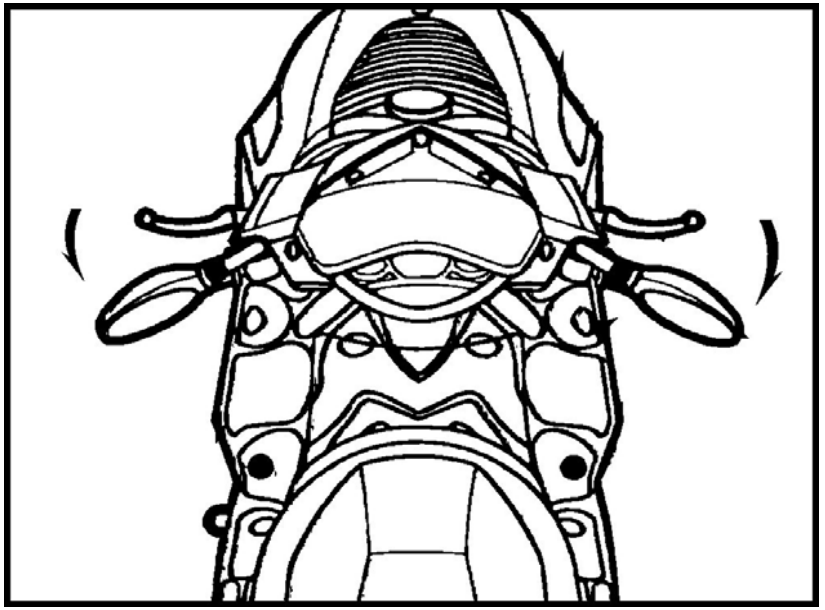
- **To shorten the time required to slow down, apply the brake lever while restoring the throttle grip.**

PROPER RIDING WILL PROLONG ENGINE LIFE



- For a new scooter, keep the speed below 40km/h for the first 1000km of riding.
- Avoid sudden acceleration and riding at high speeds for a long period of time.
- If the engine is left idling for a long period of time in hot weather it could overheat. If this happens, stop the engine immediately.
- Remember: moderate riding will prolong the engine life!

APPLY BOTH FRONT & REAR BRAKE LEVERS WHEN BRAKING

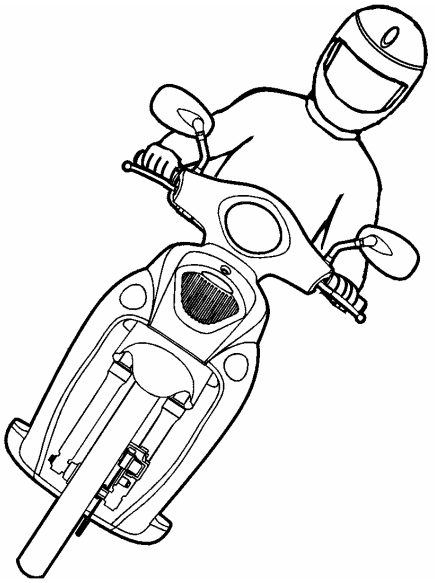


- First restore the throttle grip to the closed position and then tightly squeeze the brake levers.
- The best way to brake the scooter is to start by lightly squeeze the brake levers at the beginning and then increase to a tight squeeze.

- **Applying a single brake lever will cause the scooter to skid resulting in possible loss of control and injury to rider.**
- **Making a sudden stop may cause the scooter to skid resulting in possible loss of control and injury to rider.**

DO NOT MAKE SUDDEN STOPS OR SHARP TURNS

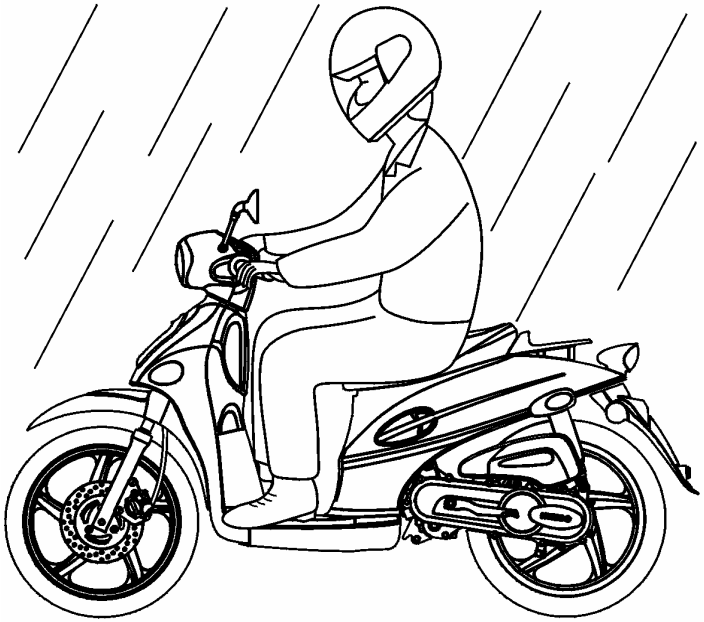
- Sudden stops and sharp turns are the main causes for skidding and loss of control which could be very dangerous to the rider.
- Use extra caution when riding the scooter in the rain – this will increase the probability of skidding and loss of control.
- When approaching a corner or turn, close the throttle fully and be sure to slow down the scooter using both the front and rear brakes simultaneously. After completing the turn, open the throttle gradually to accelerate the scooter.



USE EXTRA CAUTION WHEN RIDING IN THE RAIN

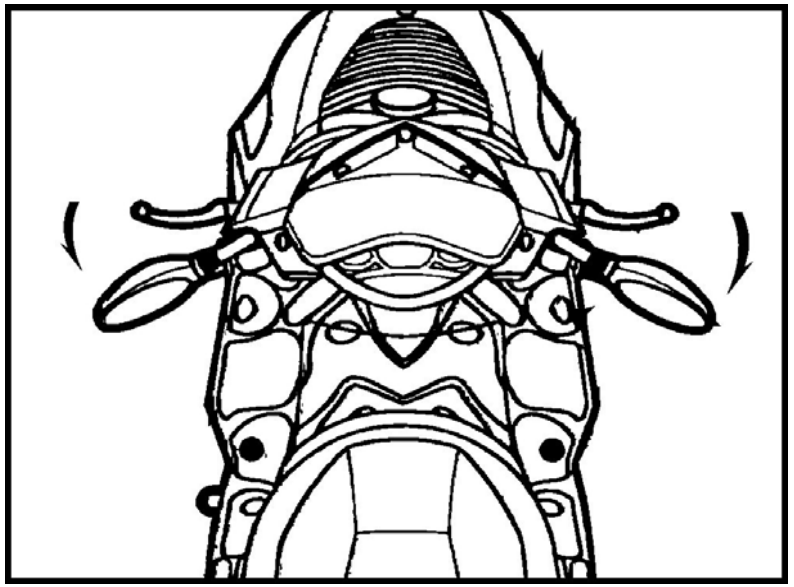
- A longer braking distance is required on rainy days when the roads are wet. Adjust your speed for the weather conditions and remember to brake the scooter slowly and as early as possible.
- When riding on a downhill road, restore the throttle grip to closed position and slow down by braking intermittently.

- **A longer distance is required on rainy days. Adjust your speed for the weather conditions and remember to brake the scooter slowly and as early as possible.**



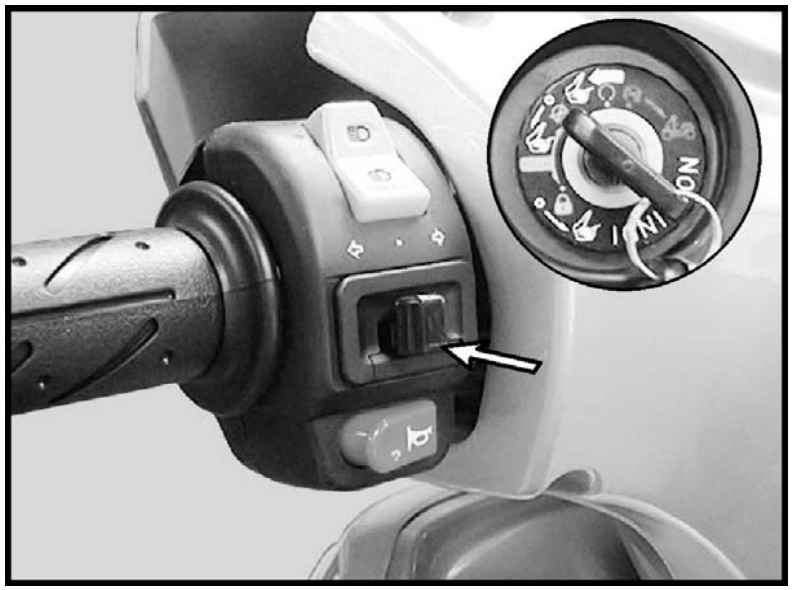
8. HOW TO STOP RIDING

WHEN APPROACHING A PARKING SPOT



- Turn your signal light on in advance. Watch for any vehicle coming from behind or beside you and slowly pull into the parking spot.
- Restore the throttle grip to the closed position and apply the front And rear brake levers as soon as possible – your brake light with engage, and other drivers will visually see that you have stopped.

WHEN THE SCOOTER HAS COMPLETELY STOPPED

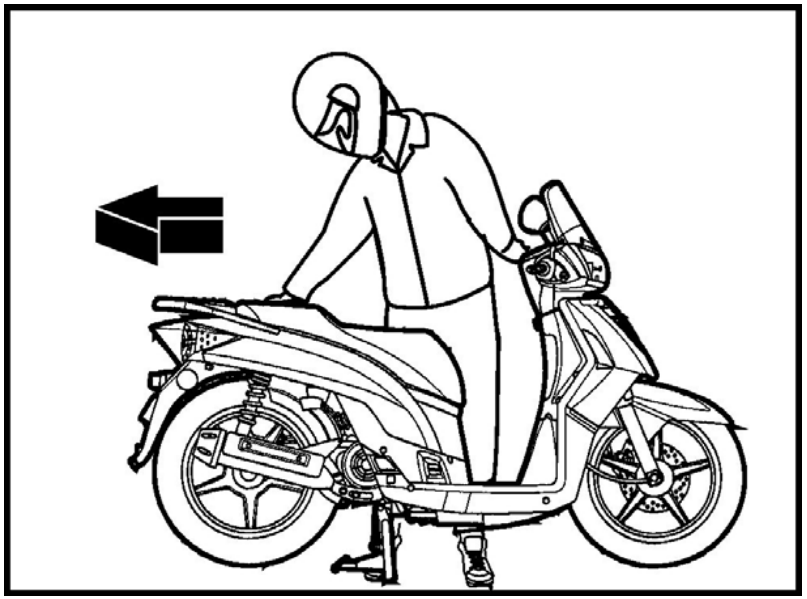


- Return the turn signal switch to its original position.
- Turn the ignition switch key to the "OFF" position to stop the engine.

- **Never operate the ignition switch key when you are riding.**
- **The electrical system does not work when the ignition switch key is turned to the "OFF" position. Turn off the ignition switch key only after the scooter has been fully stopped!**

PARKING

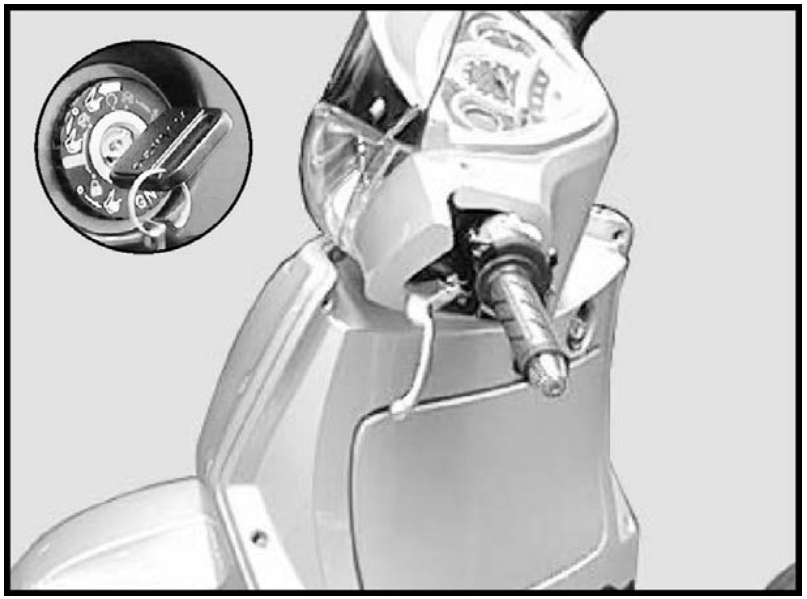
- Place the scooter on its main stand on level ground.
  Be sure it is in a spot that doesn't affect traffic.
- Stand on the left side of the scooter and grip the handlebar (which should be facing forward) with the left hand and the side rod or rear carrier with your right hand. Then, step down the main stand with right foot and pull the scooter backward with force using right hand.



- **The scooter may easily fall down if it is parked on uneven ground.**

HANDLEBAR

- After parking be sure to lock the steering handlebar and take out the key.



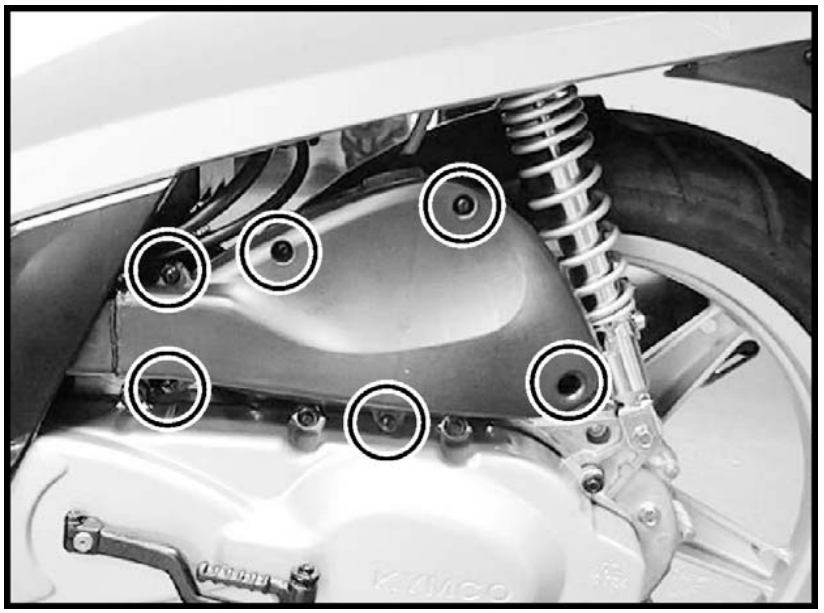
- **Don't park your scooter in a place that affects or blocks traffic.**
- **The temperature of the engine and exhaust are very high - Be careful to avoid getting burnt.**
- **Park the scooter in a safe place – and don't forget to take the key out!**

9. EASY MAINTENANCE

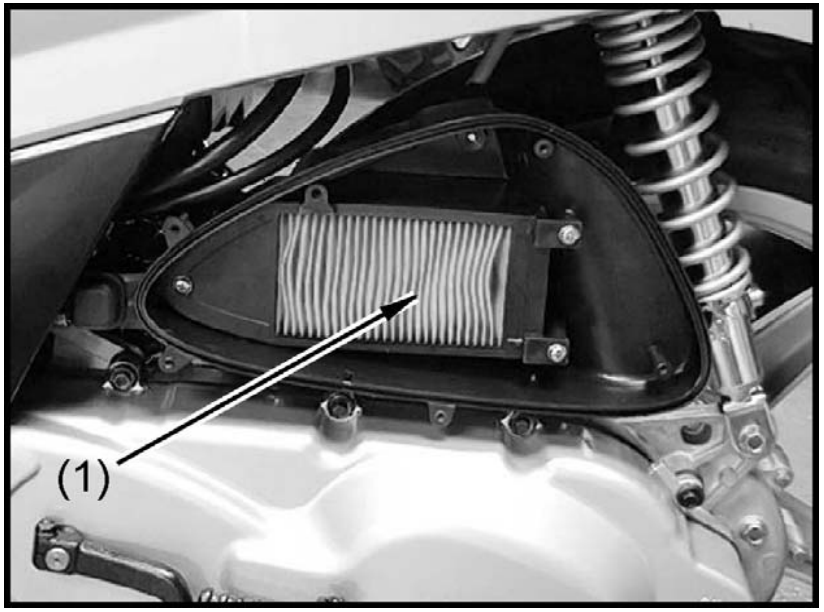
AIR FILTER

CLEANING & REPLACEMENT

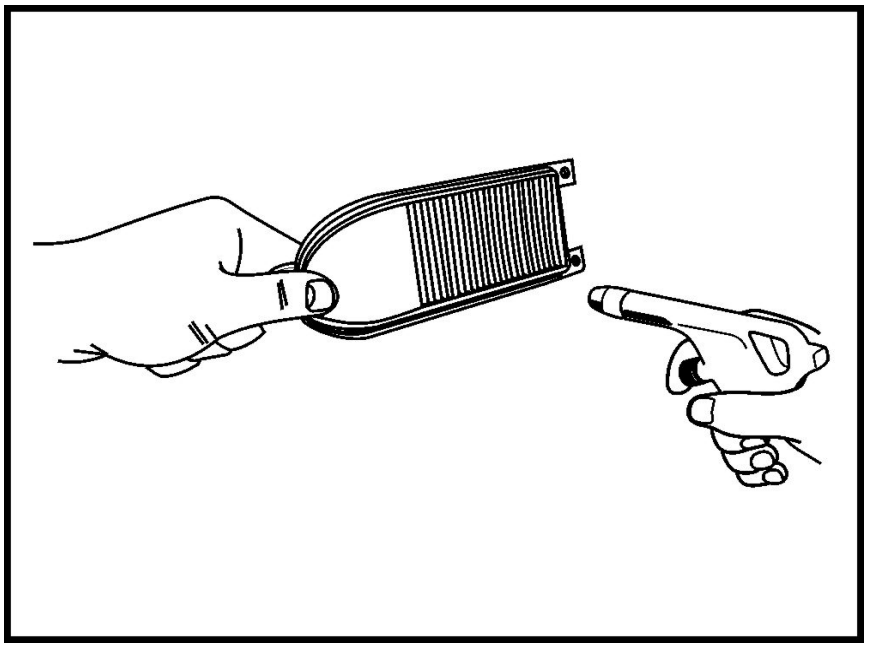
1. Remove the air filter cover screws and cover.



2. Remove the air filter element.



- Clean the air filter element with compressed air.
- Replace the air filter element at every 4000km.
- The air filter requires more frequent cleaning or replacement when ridden in unusually dusty areas.
- When replacing, refer to pg 53 Periodic Inspection & Maintenance Schedule.

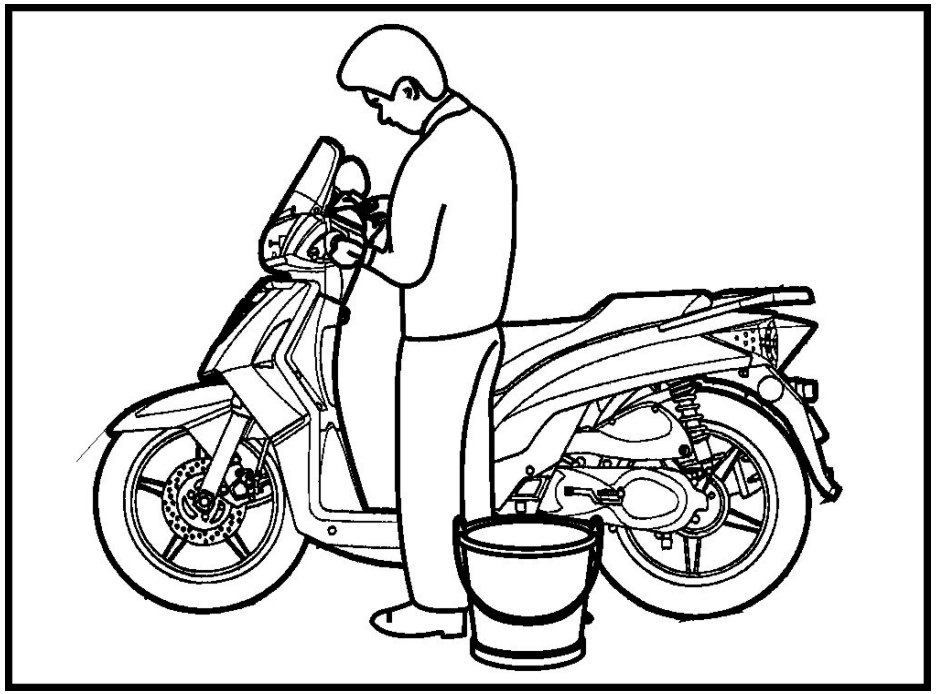


- **Never use oil or solvent to wash the paper type element. Do not allow water to enter the air filter – the scooter may become difficult to start.**
- **If the air filter is not installed properly, dust may be sucked directly into the cylinder – this will reduce engine horsepower and negatively effect engine life.**

CLEANING EXTERIOR SURFACES

- Wipe down the surface of the scooter regularly to prevent dust accumulation. Too much dust can affect the function of components.

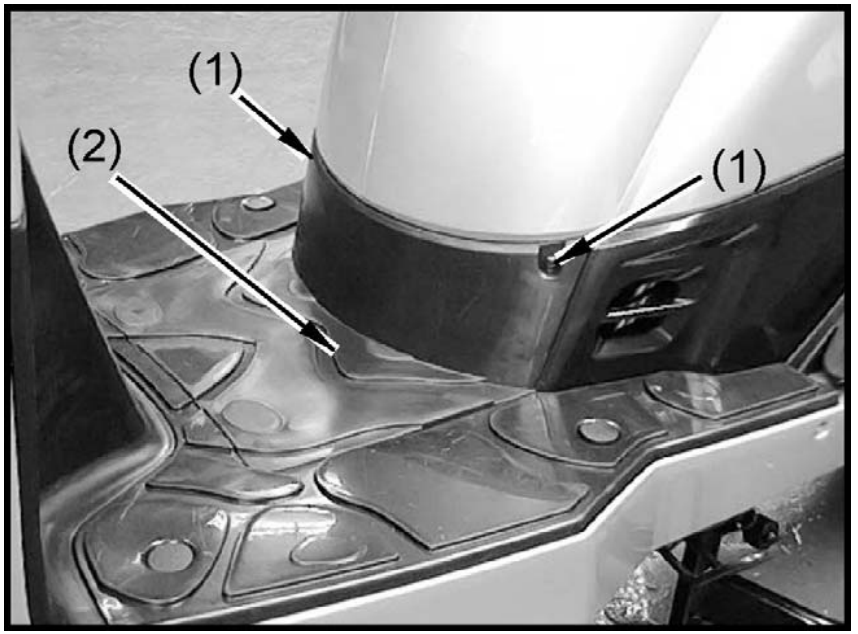
- **If the scooter is not used for a long period of time, check the operation of each part and replace lubricants before riding. Ride the scooter only after all pre-ride inspections have been performed.**
- **When waxing the scooter, be sure to check that the ingredients of the wax will not damage the paint on the scooter.**



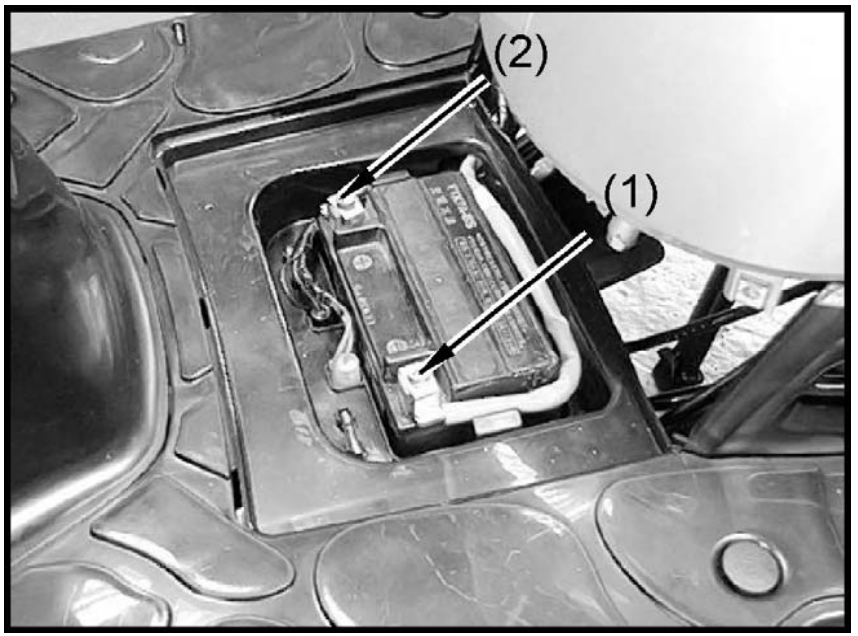
BATTERY

Battery Removal

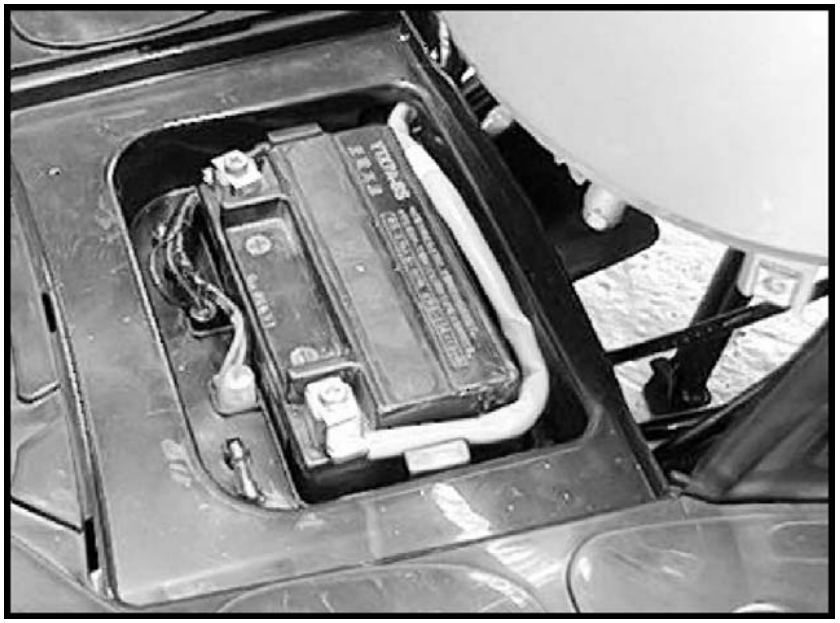
- Make sure that the ignition switch is “OFF”.
  Remove the screws (1).
  Remove the battery cover (2).



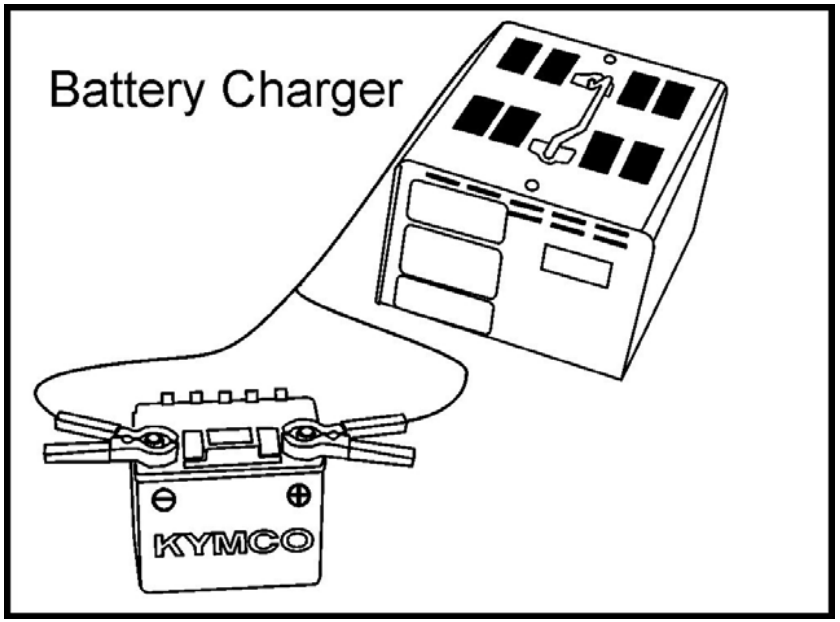
Disconnect the negative (-) terminal lead (1) from the battery first, then disconnect the positive (+) terminal lead (2).
Remove the battery.



- This scooter model comes with a battery that DOES NOT require refilling of distilled water.
- When cleaning the terminals, remove the screws attaching the battery cover on the floorboard and then open the battery cover.
- If the battery terminals are corroded, take the battery out and clean it.
- After cleaning, apply a thin coat of grease or Vaseline to the battery terminals and then install the battery.



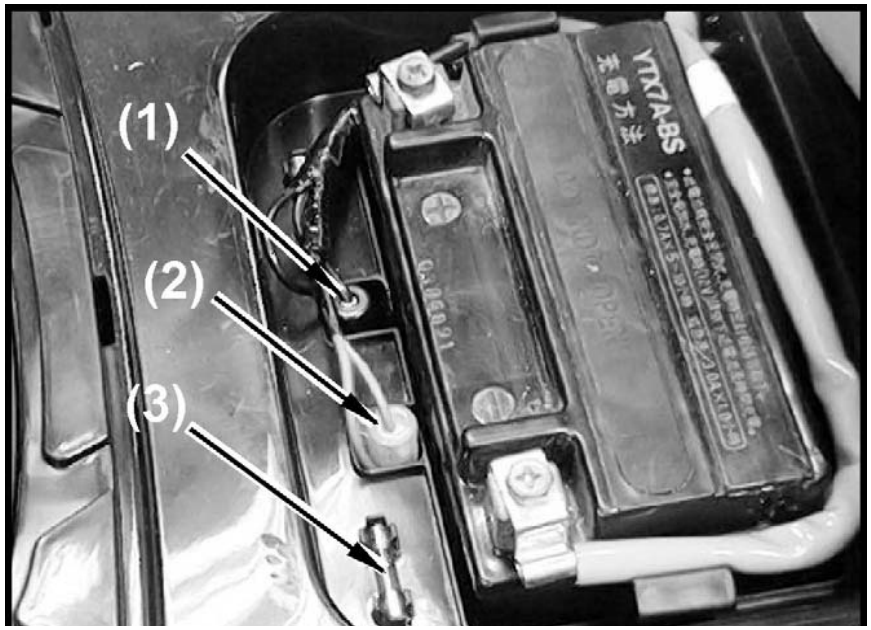
- **Never open the closed-type battery electrolyte cap.**
- **The battery discharges electricity when the scooter is not used for a long period of time. Remove the battery and put it in a cool place after it is fully charged to prevent electricity leakage.**
- **If the scooter will not be used for a long period of time remove the negative (-) terminal.**
- **Do not smoke or allow flames or sparks near the battery while removing and installing it.**
- **Turn "OFF" the ignition switch before removal or installation.**
- **The negative (-) terminal should be removed first and the positive (+) terminal should be installed first.**
- **Tighten the loose terminal nuts securely.**



FUSE REPLACEMENT

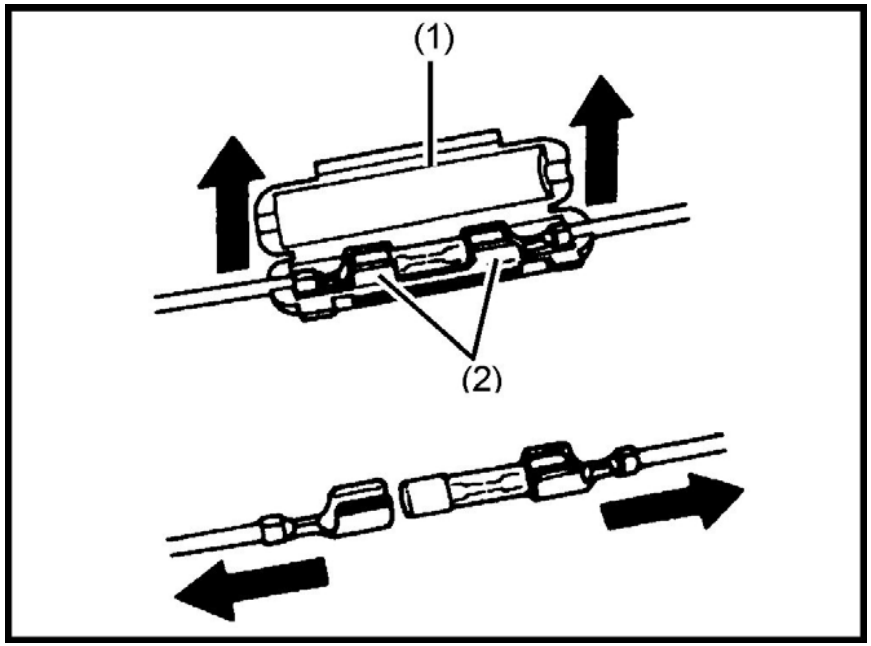
- If fuse failures occur frequently, it usually indicates a short circuit or an overload in the electrical system. See your authorized KYMCO dealer for repair.
  (1) Charge system fuse specification: 15A/50cc 7A
  (2) Ignition switch fuse specification: 10A/50cc 7A
  (3) The spare fuse (3) is on the battery component.

- To prevent accidental short-circuiting, turn off the ignition switch before checking or replacing a fuse.

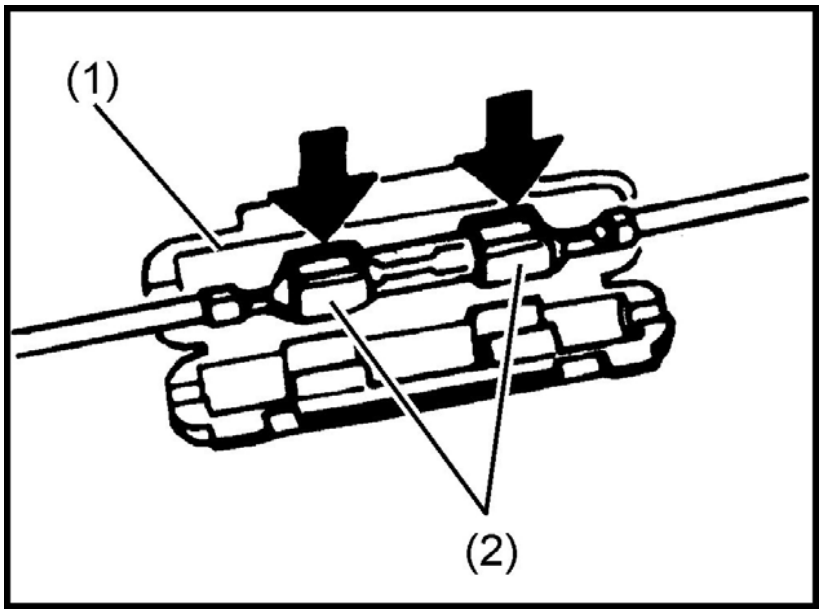


Fuse Replacement

1. Remove the battery cover by removing the screws (pg 44).
2. Open the fuse holders (1) and lift out the fuse with the clips (2).
3. Slide the old fuse out of the clips and discard.

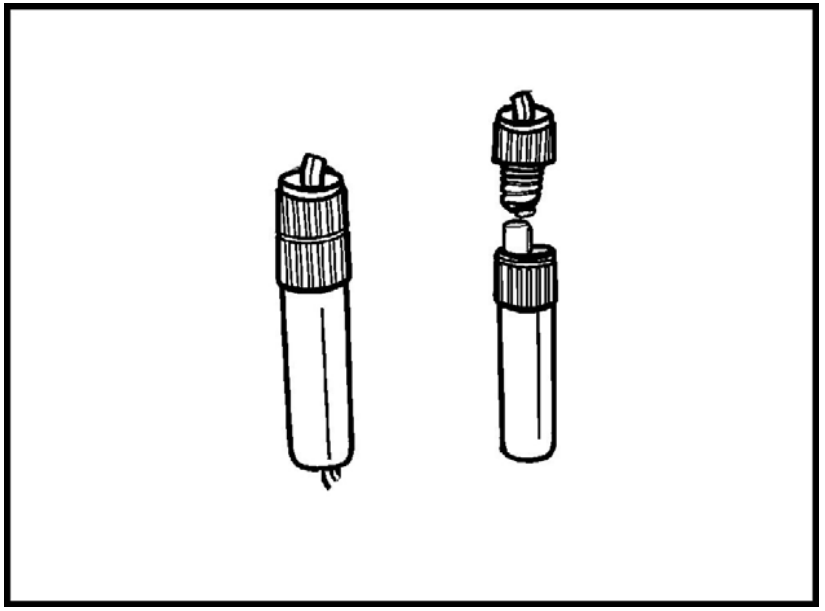


4. Slide the clips (2) onto the ends of the new fuse, push them back into the fuse holder (1), and close the fuse holder.



The spare fuse is in the battery compartment.

- **Do not pry the clips open to get a fuse out – you could bend them and this could result in poor contact with the new fuse.**
- **A loose fuse could cause damage to the electrical system or even start a fire.**
- **After replacing the fuse, be sure to return the fuse holder to its original location.**



- Rotating its cover opens the fuse box.
- Be careful not to excessively pull the connecting wires because it may break the metal contact points and result in an open circuit.

- **After a new fuse is installed, check the wire connection to ensure that it is not loose.**
- **Never use a fuse of an unspecified capacity, it may cause the wires to overheat and burn out.**

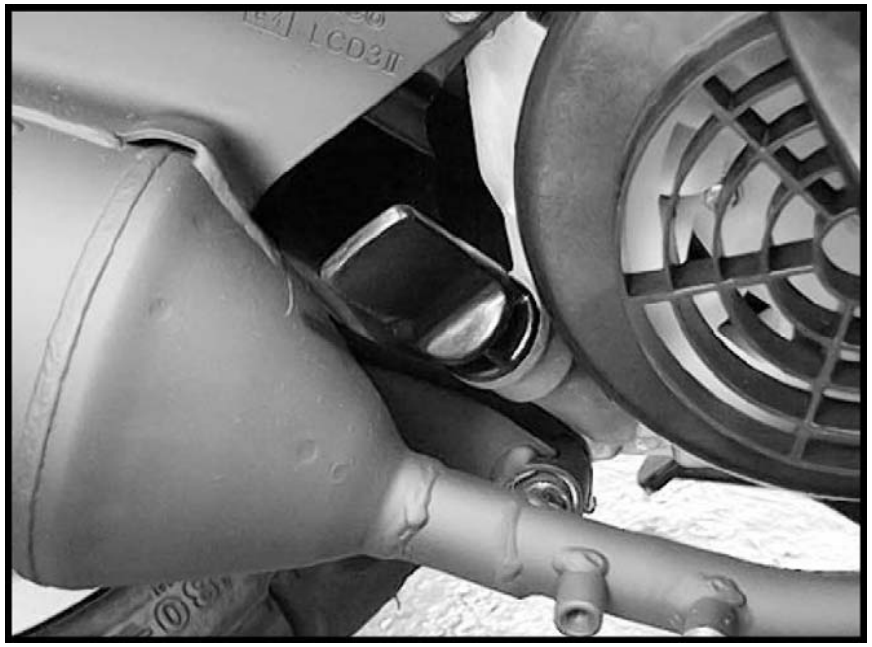
ENGINE OIL CHANGE

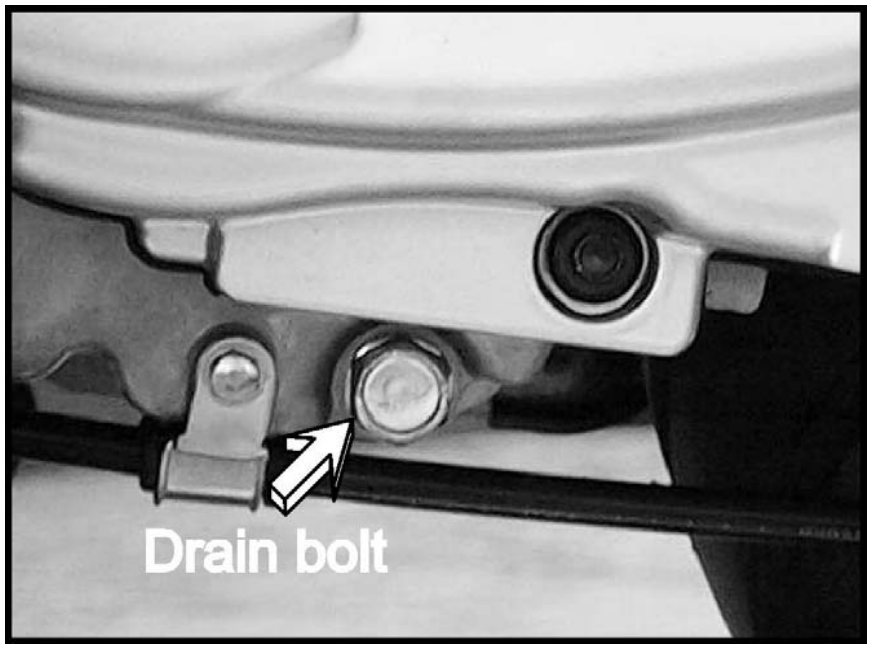
1. Place the scooter on its main stand on level ground.
2. Remove the oil dipstick.
3. Remove the drain bolt to drain the oil.
4. Refill fresh 0.9L of engine oil. Firmly tighten the oil dipstick.
5. Warm up the engine and check the oil level again 20-30 seconds after the engine has been shut off.

Specified Oil: SAE10W40 or equivalent

Capacity/Exchange Capacity:
0.85/0.7L (50cc)
1.1/0.9L (125/200cc)

- **When changing the engine oil, remember to clean the strainer and reinstall it.**
- **Use the specified engine oil.**
- **Change engine oil at the first 300km and then at every 2000km.**
- **Engine oil will deteriorate easily and require more frequent change if the scooter is ridden often in dusty or cold areas or if it is only ridden for short distances.**
- **Do not mix engine oil of different classes or viscosities – it could result in engine damage.**

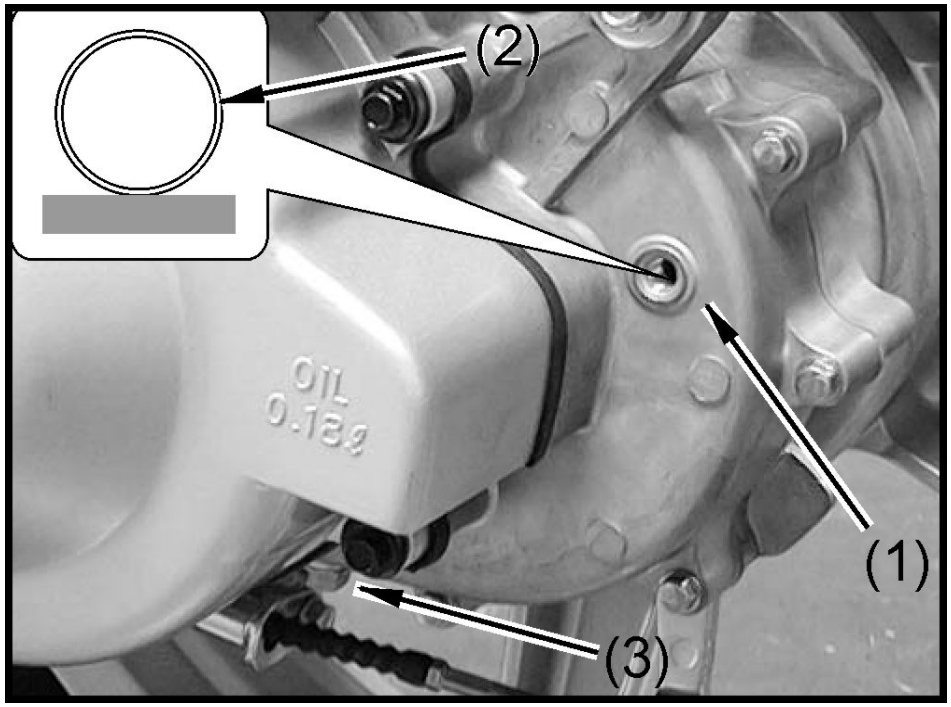




TRANSMISSION GEAR OIL

Check the transmission gear oil tank for leakage.

1. Place the scooter on its main stand on level ground. Proceed with the following steps after the engine has been shut off for 2 – 3 minutes.
2. Remove the oil filter bolt (1) and check the oil level (2). It should be up to the brim of the hole. If the level is low, add oil to raise it to the proper level.
3. After refilling, securely tighten the check bolt.



Recommended Gear Oil: SAE#90
Capacity/Exchange Capacity:
0.12/0.09L (50cc)
0.21/0.18L (125/200cc)

Transmission Oil Replacement

1. Place the scooter on level ground and put a container under the engine.
2. Remove the oil filter bolt (1) and drain plug (3) to drain the oil.
3. Reinstall the drain plug and tighten.
4. Fill the engine with oil and install the oil filter bolt.
5. Start the engine, warm it up for a few minutes and check for oil leakage. If oil leakage is found, stop the engine immediately and look for the cause.

- **Add gear oil through the oil check bolt hole (2).**
- **After refilling, use a rag to wipe clean.**
- **Not enough or too much gear oil will affect engine performance.**
- **Never use a different brand or inferior quality gear oil. Engine breakdown may occur.**
- **Change the gear oil at the first 300km and then change again at every 4000km. Add specified gear oil whenever necessary.**

SPARK PLUG INSPECTION

- Check the spark plug side electrodes for wear and tear.
- Fouling deposits on spark plug electrodes and big gaps may result in a weak spark plug.

Spark Plug Removal:

1. Remove the spark plug with a spark plug remover.
2. The installation sequence is the reverse of the removal.

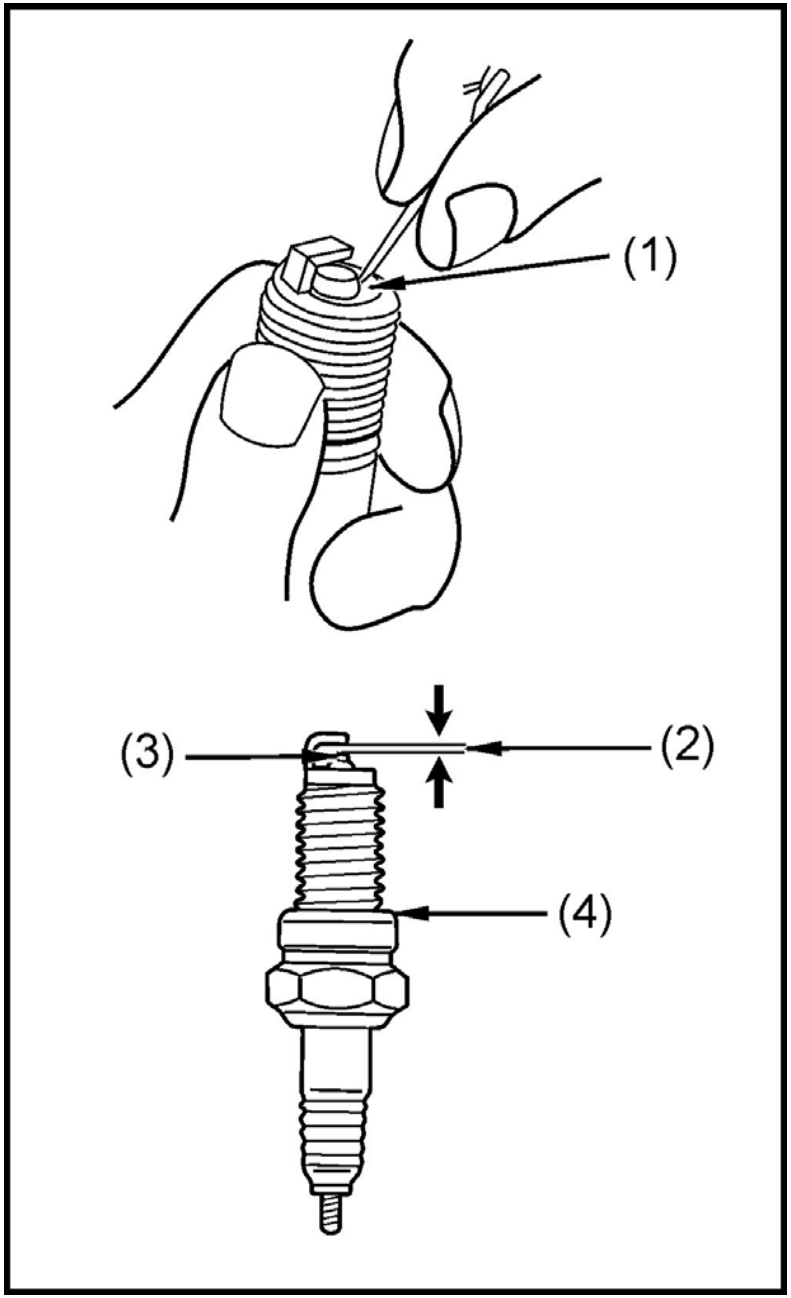
Spark Plug Cleaning:

1. It is better to remove spark plug deposits with a spark plug cleaner.
2. If a spark plug cleaner is not available, clean with a wire brush.

- The side electrode gap is 0.6 – 0.7mm.

Specified Spark Plug: NGK-CR7HSA

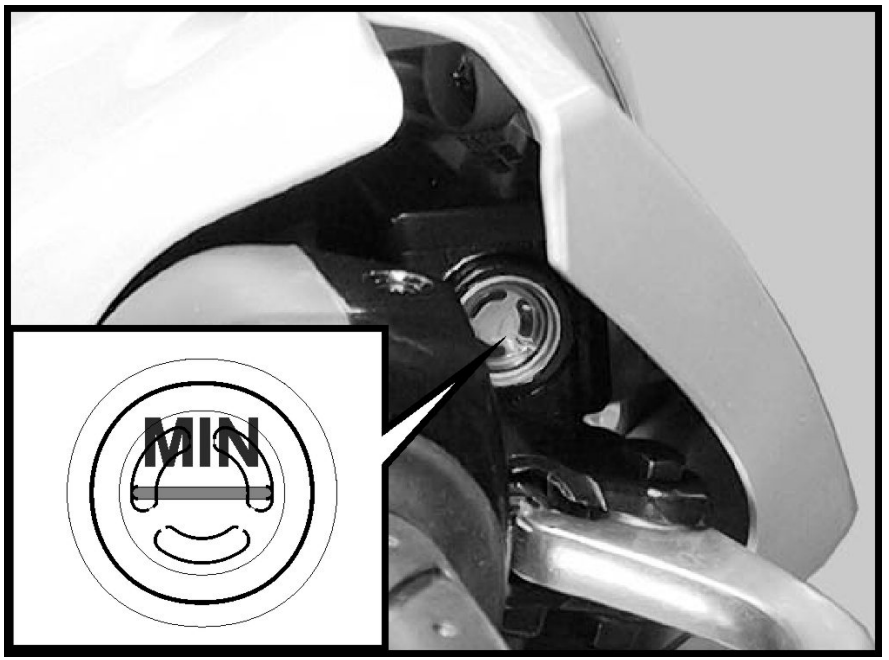
(1) Fouling Deposits
(2) Gaps
(3) Wear
(4) Cracks/Damage



- **Clean the spark plug at every 1000km and replace it with a new one at every 5000km or when the centre electrode is burnt out.**
- **First screw in the spark plug with your fingers and then tighten with a spark plug wrench.**
- **Using an unspecified spark plug may damage the engine.**

BRAKE FLUID LEVEL INSPECTION AND REFILLING

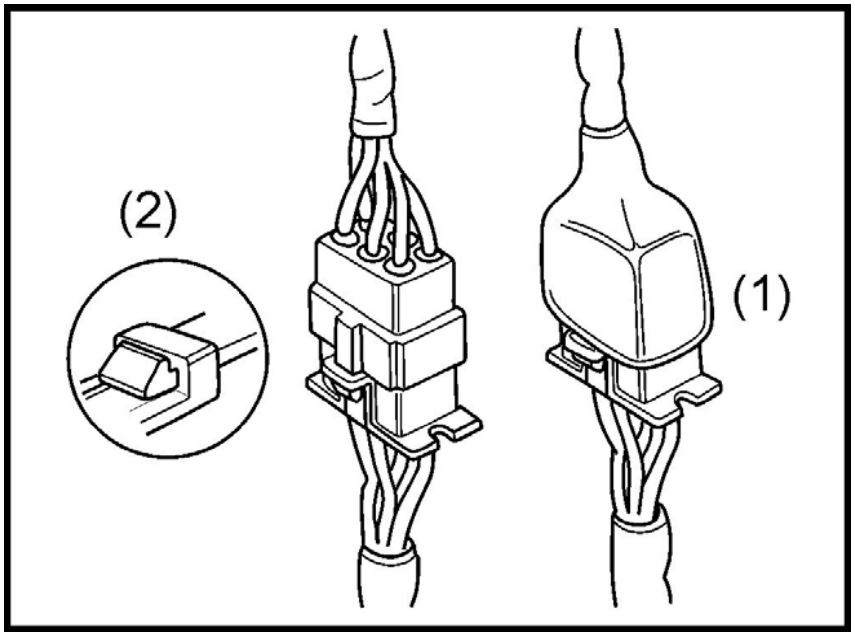
- Add recommended brake fluid DOT 4 into the tank until the fluid level reaches the upper limit and then put on the cover and tighten the screws.



- **Do not mix brake fluid of different brands. This may cause brake failure and is very dangerous. When refilling brake fluid, be sure to cover the scooter to protect the surface from the brake fluid.**
- **Replace the brake fluid at every 10 000km or every year.**

RUBBER COVER INSPECTION FOR WIRE AND CABLE

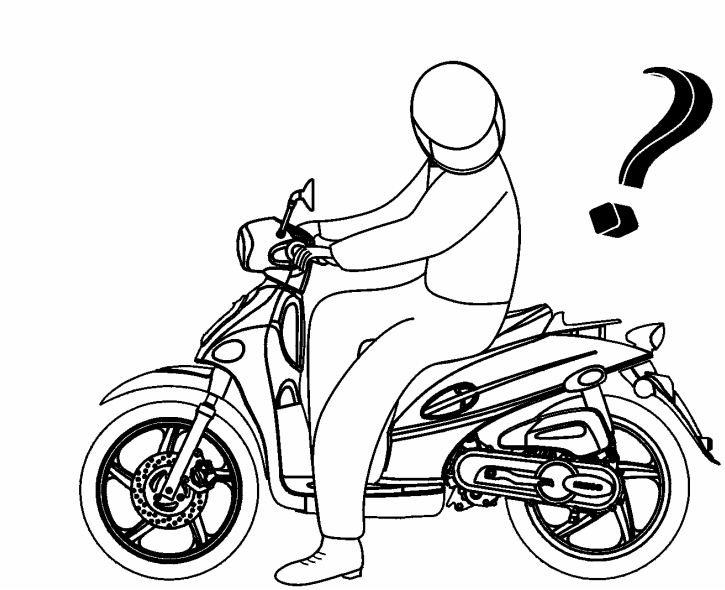
- The cable cores are protected by the rubber cover outside the connector. Check the rubber cover frequently.
- When washing the scooter, do not flush the rubber cover directly or brush it. Use a wet rag to wipe off dirt and dust



(1) Rubber Cover
(2) Check points

10. IMPORTANT NOTICES

WHEN THE ENGINE FAILS TO START OR STOPS WHILE RIDING



- Make sure the there is sufficient gasoline, if the fuel gauge pointer is at the red line, refill with 92 or 95 unleaded gasoline.
- Refer to engine starting methods on page 31 to ensure that you are starting the engine correctly.
- Check for faulty parts.

IN CASE OF BREAKDOWN

- If any trouble occurs while you are riding, go to the closest authorized KYMCO dealer for inspection.

- **For the sake of safety and the prevention of Vehicle damage, and also to save you time, it is imperative that you conduct a PRE-RIDE INSPECTION. Be sure to read this user's manual carefully and make it a habit to inspect your vehicle before riding.**

POLLUTION FREE MAINTENANCE

- In order to ensure a safe ride, maintain good performance, prolong the scooter service life and reduce pollution, Be sure to perform the periodic inspection and maintenance.

I = Inspect & clean, lubricate, refill, repair or replace if necessary

A = adjust C = clean R = replace T = tighten

Item			✓	Regular Service Mileage (KM)								Daily Pre-Ride Inspection
			4-stroke	300	1000	3000	5000	7000	9000	11 000	13 000	
✓	Engine Oil		O	R	R	R	R	R	R	R	R	I
✓	Engine Oil Strainer		O	C		C		C		C		
✓	Gear Oil		O	R		R		R		R		
	Cooling Water		O	Replace at every 10 000km or once a year at every 5000km.								I
✓	Spark Plug		O	Clean (C) at every 2000km and Replace (R) at every 5000km.								
✓	Valve Clearance		O	A		A		A		A		
✓	Carburetor		O			I		I		I		
✓	Drive Belt		O					I			I	
	Drive Chain		O		A	A	A	A	A	A	A	
✓	Air Cleaner		O		I	R	I	R	I	R	I	
	Battery Electrolyte		O		I	I	I	I	I	I	I	I
✓	Fuel Filter Screen		O					R				
✓	Brake System		O		I	I	I	I	I	I	I	I
	Clutch Lever Freeplay		O	A		A	A	A	A	A	A	
✓	Bolts & Nuts		O	T			T			T		
✓	Tire Pressure		O		I	I	I	I	I	I	I	I
	Motor Oil Strainer		X									
	Engine Oil Pump		X	I		I		I		I		

- The above items are applicable to different models. Perform suitable items for each model.
- When exceeding the listed mileage, perform maintenance according to the listed intervals.
- The air filter requires more frequent cleaning or replacing when ridden in unusually dusty areas.

SPECIFICATIONS (50cc)

Engine Type	4-stroke single cylinder	**Overall Length**	2010mm
Displacement (cc)	49.5	**Overall Width**	720mm
Bore x Stroke (mm)	39.0 x41.4	**Overall Height**	1300mm
Compression Ratio	11	**Dry Weight**	109kg
Max. Horsepower (hp/rpm)	3.9 / 7500	**Wheel Base**	1360mm
Max. Torque (ft lbs/rpm)	2.8 / 7000	**Spark Plug**	NGK-CR7HSA
Tire Size	FR : 100 / 80-16 50P RR : 110 / 80-16 52P	**Fuel Type**	92 or 95 unleaded gasoline
Transmission Type	Non-stage transmission	**Engine Oil Capacity**	1.1L
Clutch	Dry Multi-Disc Clutch	**Fuel Tank Capacity**	6.8L
Ignition	C.D.I.	**Fuse**	7A / 7A
Starting System	Starting motor & kick starter	**Gear Oil Type** **Capacity / Refill**	SAE90# 0.12L / 0.09L
Idle Speed	1700 rpm	**Battery**	12V6AH

SPECIFICATIONS (125cc)

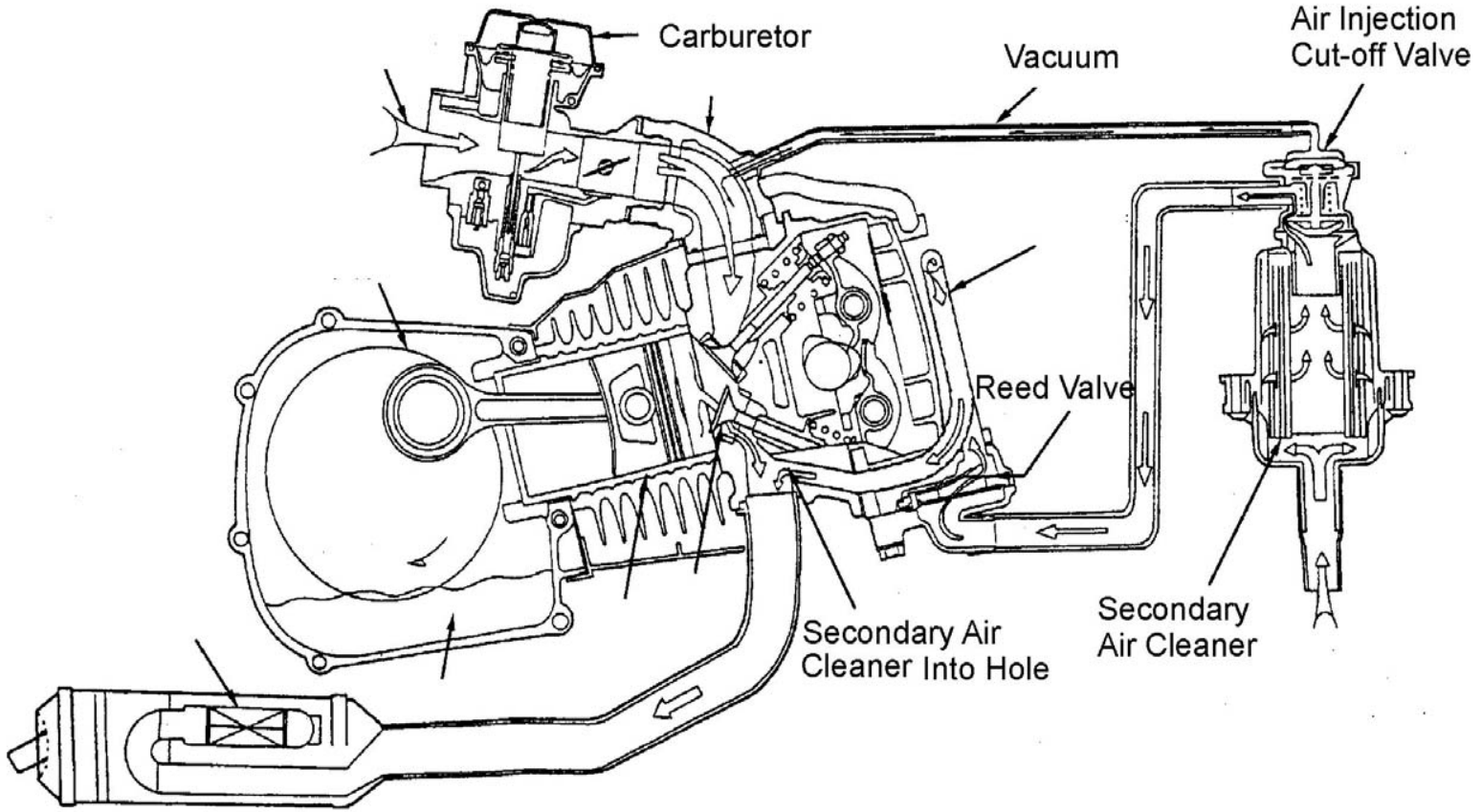
Engine Type	4-stroke single cylinder	**Overall Length**	2050mm
Displacement (cc)	125	**Overall Width**	720mm
Bore x Stroke (mm)	52.4 X 57.8	**Overall Height**	1300mm
Compression Ratio	9.3	**Dry Weight**	116 kg
Max. Horsepower (hp/rpm)	10.3 / 7500	**Wheel Base**	1350mm
Max. Torque (ft lbs/rpm)	7.2 / 5500	**Spark Plug**	NGK-CR7HSA
Tire Size	FR : 100 / 80-16 50P RR : 110 / 80-16 60P	**Fuel Type**	92 or 95 unleaded gasoline
Transmission Type	Non-stage transmission	**Engine Oil Capacity**	1.1L
Clutch	Dry Multi-Disc Clutch	**Fuel Tank Capacity**	6.8L
Ignition	C.D.I.	**Fuse**	10A / 15A
Starting System	Starting motor & kick starter	**Gear Oil Type** **Capacity / Refill**	SAE90# 0.21L / 0.0L
Idle Speed	1700 rpm	**Battery**	12V6AH

SPECIFICATIONS (200cc)

Engine Type	4-stroke single cylinder	**Overall Length**	2050mm
Displacement (cc)	163	**Overall Width**	720mm
Bore x Stroke (mm)	60.0 X 57.8	**Overall Height**	1300mm
Compression Ratio	10	**Dry Weight**	116 kg
Max. Horsepower (hp/rpm)	11 / 7500	**Wheel Base**	1350mm
Max. Torque (ft lbs/rpm)	9.1 / 6500	**Spark Plug**	NGK-CR7HSA
Tire Size	FR : 100 / 80-16 50P RR : 120 / 80-16 60P	**Fuel Type**	92 or 95 unleaded gasoline
Transmission Type	Non-stage transmission	**Engine Oil Capacity**	1.1L
Clutch	Dry Multi-Disc Clutch	**Fuel Tank Capacity**	6.8L
Ignition	C.D.I.	**Fuse**	10A / 15A
Starting System	Starting motor & kick starter	**Gear Oil Type** **Capacity / Refill**	SAE90# 0.21L / 0.0L
Idle Speed	1700 rpm	**Battery**	12V6AH

11. KYMCO CLEAN AIR SYSTEM

The KYMCO Clean Air System is a secondary air suction system that helps the exhaust gasses burn more completely. When the spent fuel charge is released into the exhaust system, it is still hot enough to burn. The system allows extra air into the exhaust system so that the spent fuel charge can continue to burn. The continued burning action tends to burn up a great deal of the normally unburned gasses, as well as changing a significant portion of the poisonous carbon monoxide into harmless carbon dioxide.



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